・別冊POPCOMプログラムマガジン・
CGコレクション
コンピュータ　グラフィックス
PC-8801,mkII,SR
TEN
ドキドキワクワクの
CGプログラム
22本満載！
CGカセットレーベル
18枚つき
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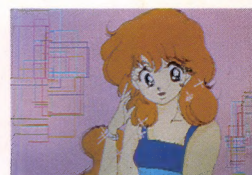
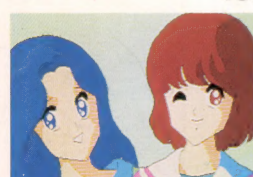
別冊 POPCOM プログラムマガジン・CGコレクション

CONTENTS

うる星やつら オンリー・ユー 7
うる星やつら ラムとテン 21
うる星やつら コトリ 28
うる星やつら お祭りラム 34
うる星やつら ウエディングラム 41
うる星やつら ビューティフルドリーマー しのぶ 48
めぞん一刻 響子 52
うる星やつら ビューティフルドリーマー サクラ 56
うる星やつら せめて最後の口づけを… 62
うる星やつら ラム 67
うる星やつら おユキ 75
うる星やつら 弁天 80
うる星やつら ウインクラム 85
うる星やつら ビューティフルドリーマー ラムとあたる 89
うる星やつら ラム 97
うる星やつら ビューティフルドリーマー ラム 101
うる星やつら ビューティフルドリーマー 口づけ 106
うる星やつら テン 111
うる星やつら 飛鳥 117
ブリザード・プリンセス 美姫 124
みゆき 131
GU―GUガンモ ガンバレガンモ 136
CGカセットレーベル 3・71

POPCOM プログラムマガジン

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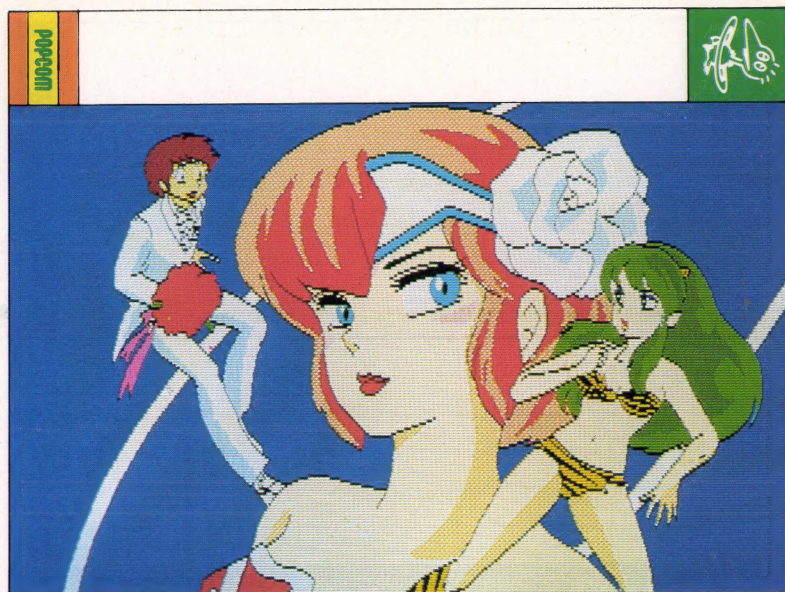
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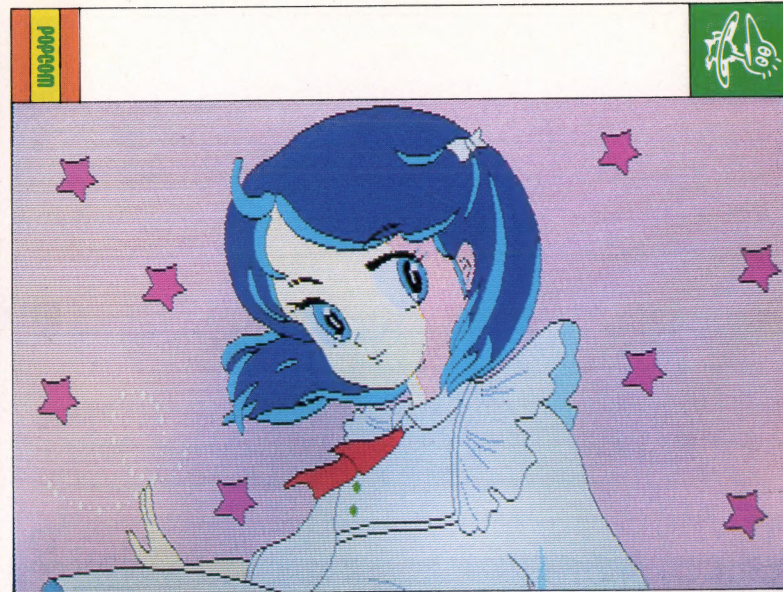
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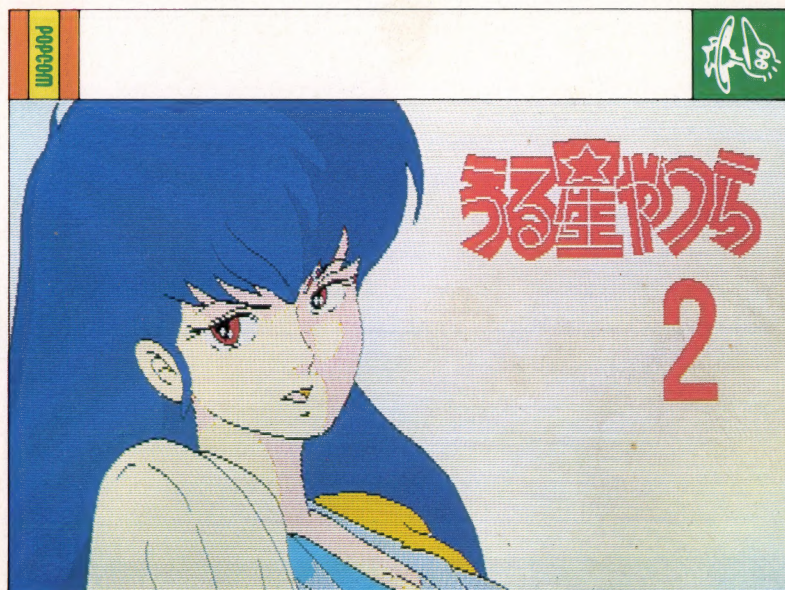
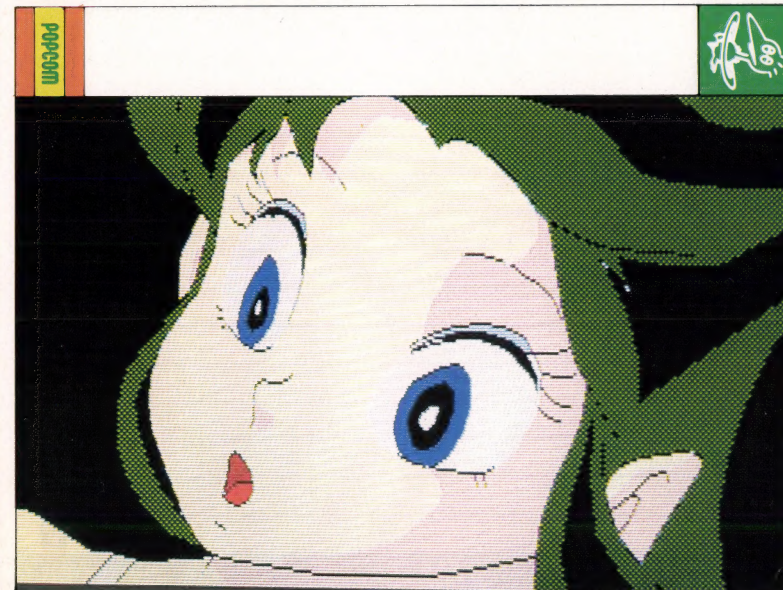
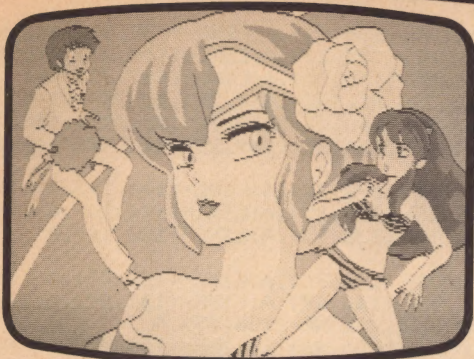
お祭りラム（うる星やつら）　大島一夫

ウエディングラム（うる星やつら）　大島一夫

しのぶ（うる星やつら）　大島一夫

響子（めぞん一刻）　大島一夫

サクラ（うる星やつら）　大島一夫

ラム（うる星やつら）　渡辺寛太

おユキ（うる星やつら）　文岡　朗

PROGRAM
TAPE COUNTER
A
B
POPCOM

うる星やつら
オンリー・ユー

PC—8801/mkII

寺嶋龍彦

オンリー・ユーのエル中心でカラフル!!

オンリー・ユーのエルを中心にラムとあたるを描いた、レコードジャケットをトレスしたカラフルな作品。

使用機種は、NEC・PC—8801、NEC・PC—8853、NEC・PC—80S31で、内容としては、LINE文とPAINT文のかたまりのような長いもので、2本に分かれています。カセットの場合はプログラム1を入力し、セーブしたら、その後にプログラム2を入力してセーブしてください。また、プログラム1をロードしてRUNすると、2990行により、自動的に次のプログラムがロードされます。カセットテープの場合は、2990 LOAD "CAS:TERA.1B", Rとしてください。

この寺嶋さんの作品は、全体的によく描かれている作品です。ジャケットもよかったのかもしれませんが…。また、細かい部分もキレイに描かれてあります。これは、下描きの段階でぬりもれしやすい所を最初にぬるという細かい配慮によるためでしょう。また、配色ですが、メリハリがあってとても見やすい色あいになっています。

もし、オリジナル作品でこれだけの配色ができれば、もっとスゴイと思います。

作者のプロフィール

このプログラムは、すべてLINE文できており、また一度完成してから、あとでいろいろつけたしや修正を行っていますので、内容もつぎはぎだらけですし、少々はずかしい気がします。

?才の寺嶋さんでした。

うる星やつら　オンリー・ユー　プログラムリスト①

```
10 '************************************
20 '*                                  *
30 '*      ｳﾙｾｲﾔﾂﾗ ｵﾝﾘｰ･ﾕｰ   <LUM2>     *
40 '*        1983年 7月 25日            *
50 '*              by     T. Terashima *
60 '*                                  *
70 '************************************
80 '
90 SCREEN 0,0:CONSOLE 0,25,0,1:WIDTH 80,25
100 'SCREEN 0,3:WINDOW(0,0)-(639,199):VIEW(0,0)-(639,399)
110 LINE(0,0)-(639,199),7,BF:LINE(90,85)-(120,120),1,BF:LINE(545,65)-(560,75),6,
BF:LINE(600,115)-(620,130),4,BF:LINE(450,90)-(464,97),4,BF:LINE(166,20)-(178,25)
,1,BF
120 ' ｶﾗｰ ｺｰﾄﾞ
130 A=0:B=0:C=0:D=0:E=0:F=0:G=0:H=0
200 ' ｱ ﾀ ﾙ (ｶﾐﾉｹ)
210 LINE(133,16)-(128,17),A:LINE-(124,18),A:LINE-(120,20),A:LINE-(117,22),A:LINE
-(116,24),A:LINE-(115,26),A:LINE-(114,28),A:LINE-(115,31),A:LINE-(117,33),A:LINE
-(119,34),A:LINE-(118,35),A:LINE-(118,36),A:LINE-(120,38),A:LINE-(126,39),A
220 LINE(125,38)-(126,39),A:LINE-(130,40),A:LINE-(132,40),A:LINE-(132,38),A:LINE
-(129,37),A:LINE-(127,35),A:LINE-(127,34),A:LINE-(128,33),A:LINE-(129,33),A:LINE
-(131,34),A:LINE-(133,36),A:LINE-(134,38),A:LINE-(134,40),A:LINE-(136,39),A
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リスト続く

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230 LINE(136,39)-(136,35),A:LINE-(134,33),A:LINE-(136,32),A:LINE-(138,30),A:LINE
-(138,27),A:LINE-(136,25),A:LINE-(139,26),A:LINE-(144,27),A:LINE-(148,27),A:LINE
-(144,26),A:LINE-(142,24),A:LINE-(150,26),A:LINE-(156,26),A:LINE-(152,25),A
240 LINE(152,25)-(148,23),A:LINE(150,24)-(160,25),A:LINE-(164,26),A:LINE-(166,27
),A:LINE-(166,28),A:LINE-(165,29),A:LINE-(164,31),A:LINE-(169,29),A:LINE-(170,28
),A:LINE-(172,26),A:LINE-(174,24),A:LINE-(176,23),A:LINE-(169,23),A:LINE-(168,22
),A
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-(162,17),A:LINE-(170,17),A:LINE-(162,15),A:LINE-(152,15),A:LINE-(144,16),A:LINE
-(147,15),A:LINE-(154,14),A:LINE-(146,14),A:LINE-(138,15),A:LINE-(133,16),A
260 ' (ｶｵ ﾉ ﾘﾝｶｸ ﾄ ｸﾋﾞ)
270 LINE(164,31)-(164,33),A:LINE-(166,35),A:LINE-(166,36),A:LINE-(164,38),A:LINE
-(156,42),A:LINE-(154,42),A:LINE-(148,41),A:LINE-(142,40),A:LINE-(137,39),A:LINE
(136,39)-(139,42),A:LINE-(141,43),A:LINE-(145,44),A:LINE-(150,45),A
280 LINE(150,45)-(151,45),A:LINE-(153,43),A:LINE-(155,43),A:LINE-(155,42),A
290 'ｼﾞｮｳ ﾊﾝｼﾝ
300 LINE(130,40)-(128,40),A:LINE-(124,42),A:LINE-(119,44),A:LINE-(110,47),A:LINE
-(107,48),A:LINE-(104,50),A:LINE-(104,52),A:LINE-(100,57),A:LINE-(97,61),A:LINE-
(94,65),A:LINE-(92,68),A:LINE-(92,75),A:LINE-(93,76),A:LINE-(98,78),A
310 LINE(98,78)-(104,80),A:LINE-(110,81),A:LINE-(118,82),A:LINE-(122,83),A:LINE-
(122,81),A:LINE-(124,79),A:LINE-(127,78),A:LINE-(128,75),A:LINE-(130,74),A:LINE-
(124,73),A:LINE-(120,72),A:LINE-(116,71),A:LINE-(116,70),A:LINE-(106,71),A
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-(121,61),A:LINE(121,62)-(122,63),A:LINE-(125,64):LINE(120,67)-(116,70),A:LINE-(
114,68),A
330 LINE(162,39)-(164,40),A:LINE-(165,42),A:LINE-(165,43),A:LINE-(163,45),A:LINE
-(162,47),A:LINE-(162,51),A:LINE-(160,53),A:LINE-(159,56),A:LINE-(159,58),A:LINE
-(158,60),A:LINE-(156,63),A:LINE-(154,65),A
340 'ﾋﾀﾞﾘ ﾃ
350 LINE(156,63)-(156,64),A:LINE-(160,67),A:LINE-(162,68),A:LINE-(166,69),A:LINE
-(167,68),A:LINE-(162,66),A:LINE-(161,65),A:LINE-(162,64),A:LINE-(168,64),A:LINE
-(174,65),A:LINE-(178,66),A:LINE-(178,65),A:LINE-(171,63),A:LINE-(167,62),A
360 LINE(167,62)-(162,61),A:LINE-(158,60),A
370 'ｴﾘﾓﾄ
380 LINE(130,40)-(129,43),A:LINE-(129,45),A:LINE-(131,47),A:LINE-(134,50),A:LINE
-(140,55),A:LINE-(150,62),A
390 LINE(134,40)-(136,43),A:LINE-(138,45),A:LINE-(142,48),A:LINE(160,41)-(162,43
),A:LINE-(161,47),A:LINE-(158,50),A
400 'ﾁｮｳ ﾈｸﾀｲ
410 LINE(142,45)-(142,47),B:LINE-(144,48),B:LINE-(142,51),B:LINE-(144,51),B:LINE
-(148,50),B:LINE-(151,49),B:LINE-(151,47),B:LINE-(146,46),B:LINE-(142,45),B
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-(108,49),A
440 'ﾌｸ ﾉ ｽｿ ﾄ ﾘﾎﾞﾝ
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108,93),A:LINE-(118,88),A:LINE-(114,87),C:LINE-(114,86),C:LINE-(118,85),C
460 LINE(118,85)-(122,84),C:LINE(118,88)-(118,90),C:LINE(120,90)-(123,88),C:LINE
-(124,87),C
470 LINE(126,88)-(124,89),C:LINE-(118,91),C:LINE-(114,93),C:LINE-(108,95),C:LINE
-(103,98),C:LINE-(98,102),C:LINE-(98,104),C:LINE-(103,101),C:LINE-(102,104),C:LI
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116),C:LINE-(96,120),C:LINE-(100,117),C:LINE-(105,113),C:LINE-(106,119),C
490 LINE(106,119)-(110,113),C:LINE-(114,108),C:LINE-(118,103),C:LINE-(122,99),C:
LINE-(124,97),C:LINE-(126,94),C:LINE-(127,92),C:LINE-(129,91),C
500 'ﾊﾅﾀﾊﾞ
510 LINE(130,74)-(136,72),B:LINE-(136,70),B:LINE-(137,69),B:LINE-(139,68),B:LINE
-(141,68),B:LINE-(142,67),B:LINE-(145,68),B:LINE-(147,67),B:LINE-(147,66),B:LINE
-(152,66),B:LINE-(154,65),B:LINE(152,66)-(154,67),B:LINE-(157,65),B
520 LINE(157,65)-(158,67),B:LINE-(160,67),B:LINE-(164,68),B:LINE-(164,69),B:LINE
-(160,71),B:LINE-(164,70),B:LINE-(170,70),B:LINE-(172,69),B:LINE-(174,70),B:LINE
-(176,72),B:LINE-(174,73),B:LINE-(177,74),B:LINE-(178,76),B:LINE-(181,78),B
530 LINE(181,78)-(181,79),B:LINE-(178,79),B:LINE-(180,80),B:LINE-(180,82),B:LINE
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-(168,88),B:LINE-(164,90),B:LINE-(164,91),B:LINE-(162,92),B:LINE-(160,92),B
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```
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),D
560 LINE(168,88)-(168,90),D:LINE-(170,92),D:LINE-(174,93),D:LINE-(174,89),D:LINE
-(168,88),D
570 'ﾐｷﾞｱｼ
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E-(184,105),A:LINE-(183,107),A:LINE-(182,113),A
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-(202,82),A:LINE-(206,83),A:LINE-(209,84),A:LINE-(213,86),A:LINE-(215,88),A:LINE
-(217,90),A:LINE-(217,92),A:LINE-(216,94),A:LINE-(214,96),A:LINE-(211,98),A
650 LINE(211,98)-(212,99),A:LINE-(210,101),A:LINE-(208,105),A:LINE-(206,110),A:L
INE-(204,120),A:LINE-(202,123),A:LINE-(198,124),A:LINE-(194,126)
660 'ｸﾂ ﾐｷﾞ-ﾋﾀﾞﾘ
670 LINE(206,151)-(208,153),A:LINE-(208,154),A:LINE-(212,156),A:LINE-(215,158),A
:LINE-(218,160),A:LINE(214,146)-(218,148),A:LINE-(226,150),A:LINE-(232,151),A:LI
NE-(236,151),A
680 LINE(216,147)-(210,151),A:LINE-(212,153),A:LINE-(218,154),A:LINE-(220,152),A
:LINE-(226,150),A:LINE(217,148)-(212,151),A:LINE-(216,153),A:LINE-(219,153),A:LI
NE(208,154)-(212,153),A:LINE(218,154)-(226,155),A
690 LINE(211,155)-(218,155),A:LINE-(222,156)
700 LINE(198,124)-(197,126),A:LINE-(198,128),A:LINE-(202,132),A:LINE-(206,133),A
:LINE-(210,135),A:LINE-(213,137),A:LINE-(214,139),A:LINE-(214,140),A:LINE(196,12
6)-(199,129),A
710 'ﾑﾈ ﾉ ﾌﾘﾙ
720 LINE(148,50)-(145,52),A:LINE-(144,53),A:LINE-(145,54),A:LINE-(149,54),A:LINE
-(149,53),A:LINE-(150,52),A:LINE-(153,53),A:LINE-(155,52),A:LINE-(156,51),A:LINE
-(158,52),A:LINE-(160,52),A:LINE-(158,53),A:LINE-(155,52),A
730 LINE(148,54)-(146,56),A:LINE-(146,57),A:LINE-(150,55),A:LINE-(152,55),A:LINE
-(152,57),A:LINE-(154,57),A:LINE-(155,56),A:LINE-(155,55),A:LINE-(156,54),A:LINE
-(160,55),A:LINE-(156,53),A
740 LINE(148,56)-(146,58),A:LINE-(146,59),A:LINE-(150,59),A:LINE-(150,61),A:LINE
-(154,60),A:LINE-(155,59),A:LINE-(154,58),A:LINE-(154,57),A:LINE-(158,57),A:LINE
-(156,55),A
750 LINE(132,38)-(134,38),A 'ﾐﾐ ﾉ ｼｭｳｾｲ
800 ' ｴ ﾙ 【ｱﾀﾏ ﾉ ﾘﾝｶｸ】
810 LINE(440,20)-(432,16),B:LINE-(426,13),B:LINE-(418,11),B:LINE-(412,9),B:LINE-
(404,7),B:LINE-(396,6),B:LINE-(386,5),B:LINE-(374,4),B:LINE-(354,3),B:LINE-(340,
3),B:LINE-(322,4),B:LINE-(310,5),B:LINE-(298,7),B:LINE-(290,9),B:LINE-(285,10),B
820 LINE(285,10)-(278,10),B:LINE-(266,12),B:LINE-(250,16),B:LINE-(243,18),B:LINE
-(237,20),B:LINE-(228,23),B:LINE-(222,26),B:LINE-(216,29),B:LINE-(210,33),B:LINE
-(204,37),B:LINE-(200,42),B:LINE-(196,46),B:LINE-(194,50),B:LINE-(192,53),B
830 LINE(192,53)-(190,56),B:LINE-(190,60),B:LINE-(191,63),B:LINE-(192,66),B:LINE
-(194,69),B:LINE-(198,73),B:LINE-(204,76),B:LINE-(208,78),B:LINE-(213,80),B:LINE
-(218,82),B:LINE-(216,78),B:LINE-(212,73),B:LINE-(211,70),B
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-(252,94),B:LINE-(255,95),B:LINE-(256,97),B:LINE-(256,101),B:LINE-(254,108),B:LI
NE-(254,113),B:LINE-(255,117),B:LINE-(256,120),B:LINE-(258,122),B
850 LINE(258,122)-(259,123),B:LINE-(262,124),B:LINE-(262,122),B:LINE-(266,124),B
:LINE-(266,125),B:LINE-(268,128),B:LINE-(271,130),B:LINE-(276,132),B:LINE-(280,1
34),B:LINE-(284,135),B:LINE-(290,137),B:LINE-(294,138),B:LINE-(296,137),B
860 LINE(296,137)-(297,134),B:LINE-(297,132),B:LINE-(296,130),B
870 'ｶｵ ﾉ ﾘﾝｶｸ ﾄ ｸﾋﾞ
880 LINE(248,81)-(251,82),A:LINE-(253,83),A:LINE-(256,85),A:LINE-(260,88),A:LINE
-(262,91),A:LINE-(264,94),A:LINE-(264,101),A:LINE-(265,103),A:LINE-(266,107),A:L
INE-(268,111),A:LINE-(270,114),A:LINE-(274,118),A:LINE-(276,120),A
890 LINE(276,120)-(280,122),A:LINE-(285,125),A:LINE-(290,127),A:LINE-(296,130),A
:LINE-(300,132),A:LINE-(304,133),A:LINE-(316,133),A:LINE-(320,132),A:LINE-(332,1
30),A:LINE-(345,128),A:LINE-(355,126),A
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リスト続く

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:LINE-(318,150),A:LINE-(315,154),A:LINE-(308,160),A
910 'ﾏｴｶﾞﾐ
920 LINE(220,70)-(224,73),B:LINE-(228,75),B:LINE-(236,78),B:LINE-(244,80),B:LINE
-(248,81),B:LINE-(252,81),B:LINE-(255,80),B:LINE-(253,78),B:LINE-(250,76),B:LINE
-(242,72),B:LINE(246,74)-(250,75),B:LINE-(258,76),B:LINE-(278,77),B
930 LINE(278,77)-(286,78),B:LINE-(292,79),B:LINE-(299,79),B:LINE-(301,77),B:LINE
-(302,74),B:LINE-(302,69),B:LINE-(300,66),B:LINE-(296,60),B:LINE-(294,57),B:LINE
-(290,51),B:LINE-(288,47),B:LINE-(286,44),B:LINE-(286,42),B:LINE-(284,40),B
940 'ｶﾐﾉｹ ﾖｺ
950 LINE(360,49)-(360,53),B:LINE-(362,56),B:LINE-(366,60),B:LINE-(370,61),B:LINE
(367,56)-(368,59),B:LINE-(370,61),B:LINE-(372,64),B:LINE-(376,66),B:LINE-(380,69
),B:LINE-(386,72),B:LINE-(390,74),B:LINE-(395,76),B:LINE-(401,78),B:LINE-(406,79
),B
960 LINE(395,76)-(394,79),B:LINE-(393,82),B:LINE-(391,85),B:LINE-(388,89),B:LINE
-(386,92),B:LINE-(384,94),B:LINE-(382,97),B:LINE-(380,100),B:LINE-(380,104),B:LI
NE-(382,107),B:LINE-(384,110),B:LINE-(386,111),B
970 LINE(390,98)-(387,102),B:LINE-(386,106),B:LINE-(386,111),B:LINE-(388,115),B:
LINE-(390,118),B:LINE-(394,122),B:LINE-(398,124),B:LINE-(401,126),B:LINE-(406,12
8),B:LINE-(408,129),B:LINE-(412,127),B:LINE-(416,124),B:LINE-(420,120),B
980 'ﾍｱｰ ﾊﾞﾝﾄﾞ
990 LINE(297,25)-(308,23),E:LINE-(316,22),E:LINE-(332,22),E:LINE-(340,23),E:LINE
-(348,25),E:LINE-(369,31),E:LINE-(399,38),E
1000 LINE(298,30)-(313,27),E:LINE-(322,26),E:LINE-(328,26),E:LINE-(340,28),E:LIN
E-(369,35),E:LINE-(400,42),E
1010 LINE(306,61)-(352,47),E:LINE-(362,44),E:LINE-(368,44),E:LINE-(400,50),E:LIN
E(304,66)-(358,50),E:LINE-(364,48),E:LINE-(368,48),E:LINE-(404,54),E
1020 LINE(298,24)-(296,26),B:LINE-(296,27),B:LINE-(298,30),B:LINE-(302,32),B:LIN
E-(304,34),B:LINE-(308,37),B:LINE-(312,41),B:LINE-(314,44),B:LINE-(313,47),B:LIN
E-(312,49),B:LINE-(310,53),B:LINE-(308,58),B:LINE-(306,61),B:LINE-(306,62),B
1030 LINE(306,62)-(304,66),B:LINE-(302,69),B
1040 'ｶﾀ ﾄ ﾑﾈ
1050 LINE(317,152)-(314,153),A:LINE-(310,153),A:LINE-(300,152),A:LINE-(290,151),
A:LINE-(282,150),A:LINE-(274,149),A:LINE-(264,148),A:LINE-(256,148),A:LINE-(246,
149),A:LINE-(240,150),A:LINE-(236,151),A:LINE-(230,153),A:LINE-(226,155),A
1060 LINE(226,155)-(221,158),A:LINE-(218,160),A:LINE-(216,161),A:LINE-(213,164),
A:LINE-(210,167),A:LINE-(208,171),A:LINE-(206,174),A:LINE-(204,177),A
1070 LINE(237,163)-(236,165),A:LINE-(232,169),A:LINE-(230,170),A:LINE-(226,172),
A:LINE-(220,174),A:LINE-(216,175),A
1080 LINE(231,199)-(234,196),A:LINE-(238,193),A:LINE-(238,191),A:LINE-(236,189),
A:LINE-(230,188),A:LINE-(218,187),A:LINE-(212,186),A:LINE-(208,184),A:LINE-(205,
182),A:LINE-(202,178),A:LINE-(204,177),A:LINE-(208,175),A:LINE-(212,174),A
1090 LINE(212,174)-(214,174),A:LINE-(216,175),A:LINE-(218,177),A:LINE-(222,180),
A:LINE-(226,182),A:LINE-(234,183),A:LINE-(238,183),A:LINE-(246,184),A:LINE-(252,
186),A:LINE-(255,187),A:LINE-(256,189),A:LINE-(255,191),A
1100 LINE(255,191)-(252,194),A:LINE-(246,199),A
1110 ' ﾌﾞﾗ
1120 LINE(158,199)-(162,192),B:LINE-(164,189),B:LINE-(166,187),B:LINE-(170,186),
B:LINE-(172,185),B:LINE-(176,184),B:LINE-(182,183),B:LINE-(186,182),B:LINE-(190,
181),B:LINE-(194,180),B:LINE-(200,179),B:LINE-(202,178),B
1130 ' ﾌﾞﾗ ﾉ ﾓﾖｳ
1140 LINE(186,182)-(182,187),A:LINE-(180,190),A:LINE-(178,193),A:LINE-(176,197),
A:LINE-(176,199),A:LINE(202,178)-(200,182),A:LINE-(196,186),A:LINE-(192,192),A:L
INE-(190,196),A:LINE-(189,199),A
1150 LINE(174,199)-(170,195),A:LINE-(170,192),A:LINE-(172,191),A:LINE-(174,191),
A:LINE-(178,193),A:LINE(190,196)-(194,197),A:LINE-(198,197),A:LINE-(198,199),A
1160 LINE(212,199)-(216,196),A:LINE-(218,195),A:LINE-(220,195),A:LINE-(220,197),
A:LINE(215,199)-(220,197),A:LINE-(238,191),A
1170 LINE(296,193)-(284,199),A
1180 'ﾐﾐ
1190 LINE(424,108)-(425,106),B:LINE-(424,103),B:LINE-(423,100),B:LINE-(422,97),B
:LINE-(420,90),B:LINE-(422,82),A:LINE-(424,79),A:LINE-(428,77),A:LINE-(432,76),A
:LINE-(436,76),A:LINE-(440,77),A:LINE-(442,79),A:LINE-(442,81),A
1200 LINE(442,81)-(444,86),A:LINE-(444,91),A:LINE-(442,94),A:LINE-(438,98),A:LIN
E-(432,102),A:LINE-(426,105),A:LINE-(425,105),A
1210 LINE(426,86)-(426,85),A:LINE-(429,83),A:LINE-(432,82),A:LINE-(434,83),A:LIN
E-(436,85),A:LINE-(438,87),A:LINE-(438,88),A:LINE-(436,90),A:LINE-(435,92),A:LIN
E-(432,95),A:LINE-(429,97),A:LINE-(426,99),A:LINE-(423,100),A
1220 LINE(426,92)-(430,92),A:LINE-(432,93),A:LINE-(432,95),A
1230 'ｳﾅｼﾞ ~ ﾋﾀﾞﾘ ｶﾀ
1240 LINE(409,129)-(407,132),A:LINE-(405,137),A:LINE-(404,141),A:LINE-(404,144),
A:LINE-(405,147),A:LINE-(407,151),A
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1250 LINE(438,165)-(442,167),A:LINE-(448,170),A:LINE-(454,172),A:LINE-(464,175),
A:LINE-(476,179),A:LINE-(484,183),A:LINE-(490,186),A:LINE-(502,192),A:LINE-(504,
193),A
1260 'ｳｼﾛｶﾞﾐ
1270 LINE(405,137)-(410,137),B:LINE-(428,134),B:LINE-(432,133),B:LINE-(426,136),
B:LINE-(436,135),B
1280 'ﾊﾞﾗ
1290 LINE(488,77)-(482,79),A:LINE-(479,80),A:LINE-(474,79),A:LINE-(471,80),A:LIN
E-(464,78),A
1300 LINE(467,60)-(474,61),A:LINE-(478,62),A:LINE-(480,65),A:LINE-(479,68),A:LIN
E-(476,72),A:LINE-(472,75),A:LINE-(468,77),A:LINE-(464,78),A:LINE-(456,80),A:LIN
E-(454,80),A:LINE-(449,78),A:LINE-(443,75),A:LINE-(440,74),A:LINE-(434,73),A
1310 LINE(434,73)-(432,73),A:LINE-(428,72),A:LINE-(422,71),A:LINE-(417,68),A:LIN
E-(414,65),A:LINE-(412,59),A:LINE(422,71)-(416,70),A:LINE-(404,64),A:LINE-(402,6
2),A:LINE-(402,58),A:LINE-(404,54),A
1320 LINE(438,58)-(428,59),A:LINE-(424,60),A:LINE-(420,60),A:LINE-(412,59),A:LIN
E-(408,57),A:LINE-(404,54),A:LINE-(400,50),A:LINE-(399,46),A:LINE-(400,44),A:LIN
E-(400,39),A:LINE-(398,36),A:LINE-(398,34),A:LINE-(403,32),A:LINE-(407,30),A
1330 LINE(407,30)-(412,28),A:LINE-(416,26),A:LINE-(419,24),A:LINE-(422,21),A:LIN
E-(430,20),A:LINE-(442,21),A:LINE-(450,23),A
1340 LINE(440,20)-(446,18),A:LINE-(454,16),A:LINE-(464,14),A:LINE-(474,13),A:LIN
E-(490,13),A:LINE-(500,15),A:LINE-(501,18),A:LINE-(504,21),A:LINE-(508,24),A:LIN
E-(512,28),A:LINE-(512,29),A:LINE-(516,32),A:LINE-(516,33),A:LINE-(514,36),A
1350 LINE(514,36)-(513,38),A:LINE-(510,40),A:LINE-(498,46),A:LINE-(496,48),A:LIN
E-(488,48),A:LINE-(484,47),A:LINE(488,48)-(492,50),A:LINE-(500,52),A:LINE-(502,5
4),A:LINE-(504,59),A
1360 LINE(512,28)-(518,30),A:LINE-(522,32),A:LINE-(523,34),A:LINE-(522,38),A:LIN
E-(520,41),A:LINE-(518,41),A
1370 LINE(513,38)-(518,41),A:LINE-(522,43),A:LINE-(524,45),A:LINE-(522,47),A:LIN
E-(520,50),A:LINE-(521,54),A:LINE-(522,57),A:LINE-(520,59),A
1380 LINE(483,45)-(482,48),A:LINE-(480,55),A:LINE-(478,57),A:LINE-(472,59),A:LIN
E-(466,60),A:LINE-(458,59),A:LINE-(454,57),A:LINE-(450,52),A:LINE-(450,50),A:LIN
E-(454,46),A
1390 LINE(458,59)-(454,60),A:LINE-(446,60),A:LINE-(438,58),A:LINE-(432,55),A:LIN
E-(430,53),A:LINE-(431,49),A:LINE-(433,47),A:LINE-(436,44),A:LINE-(438,42),A:LIN
E-(438,40),A:LINE-(434,36),A:LINE-(433,34),A:LINE-(434,31),A:LINE-(436,28),A
1400 LINE(436,28)-(440,25),A:LINE-(450,23),A:LINE-(460,22),A:LINE-(466,22),A:LIN
E-(470,25),A:LINE-(472,27),A:LINE-(480,31),A:LINE-(482,33),A:LINE-(482,36),A:LIN
E-(483,38),A:LINE-(483,39),A:LINE-(482,42),A:LINE-(478,43),A:LINE-(468,44),A
1420 LINE(459,32)-(462,32),A:LINE-(466,33),A:LINE-(470,32),A:LINE-(478,34),A:LIN
E-(482,36),A:LINE(460,35)-(462,37),A:LINE-(464,38),A:LINE-(467,39),A:LINE-(468,4
1),A:LINE-(468,44),A
1430 LINE(456,39)-(458,42),A:LINE-(464,45),A:LINE(458,41)-(460,41),A:LINE-(464,4
0),A:LINE-(466,39),A
1440 LINE(482,42)-(478,43),A:LINE-(468,44),A:LINE-(464,45),A:LINE-(454,46),A:LIN
E-(452,43),A:LINE-(456,39),A:LINE-(460,35),A:LINE-(460,33),A:LINE-(458,31),A:LIN
E-(459,29),A:LINE-(462,26),A:LINE-(468,24),A
1500 ' ﾗﾑﾁｬﾝ [ﾏｴ ｶﾞﾐ]
1510 LINE(496,82)-(493,81),D:LINE-(490,79),D:LINE-(488,77),D:LINE-(486,76),D:LIN
E-(485,74),D:LINE-(485,72),D:LINE-(486,70),D:LINE-(487,67),D:LINE-(490,64),D:LIN
E-(493,62),D:LINE-(500,60),D:LINE-(506,59),D:LINE-(510,58),D:LINE-(516,59),D
1520 LINE(516,59)-(520,60),D:LINE-(530,60),D:LINE-(536,61),D:LINE-(540,63),D:LIN
E-(546,66),D:LINE-(550,70),D:LINE-(552,73),D:LINE-(553,76),D:LINE-(553,78),D:LIN
E-(552,80),D:LINE-(550,83),D:LINE-(548,85),D
1530 'ｳｼﾛｶﾞﾐ ﾐｷﾞ
1540 LINE(494,88)-(490,89),D:LINE-(484,89),D:LINE-(474,88),D:LINE-(468,88),D:LIN
E-(462,89),D:LINE-(457,91),D:LINE-(454,93),D:LINE-(453,94),D:LINE-(456,93),D:LIN
E-(460,91),D:LINE-(464,91),D:LINE-(460,92),D:LINE-(454,95),D:LINE-(450,99),D
1550 LINE(450,99)-(449,100),D:LINE-(448,103),D:LINE(452,114)-(452,118),D:LINE-(4
54,121),D:LINE-(460,124),D:LINE-(458,123),D:LINE-(458,119),D:LINE-(459,117),D:LI
NE-(462,115),D:LINE-(460,117),D:LINE-(460,120),D:LINE-(461,122),D
1560 LINE(461,122)-(463,124),D:LINE-(466,125),D:LINE-(468,125),D
1570 'ｶｵ ﾉ ﾘﾝｶｸ ﾄ ｸﾋﾞ
1580 LINE(494,72)-(492,75),A:LINE-(493,77),A:LINE-(495,80),A:LINE-(496,82),A:LIN
E-(495,84),A:LINE-(494,86),A:LINE-(494,89),A:LINE-(498,92),A:LINE-(500,94),A:LIN
E-(510,95),A:LINE-(516,95),A
1590 LINE(506,95)-(506,98),A:LINE-(503,100),A:LINE-(498,102),A:LINE(498,98)-(506
,97),A
1600 'ﾏｴｶﾞﾐ 「ｵﾃﾞｺ」
1610 LINE(496,68)-(494,69),D:LINE-(494,72),D:LINE-(497,74),D:LINE-(501,75),D:LIN
E-(499,72),D:LINE-(500,70),D:LINE-(502,68),D:LINE-(503,67),D:LINE-(506,66),D
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リスト続く

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1620 LINE(508,65)-(505,67),D:LINE-(504,69),D:LINE-(506,72),D:LINE-(508,74),D:LIN
E-(512,76),D:LINE-(518,77),D:LINE-(520,77),D:LINE-(518,73),D:LINE-(519,70),D:LIN
E-(520,72),D:LINE-(521,74),D:LINE-(524,76),D:LINE-(528,78),D:LINE-(531,79),D
1630 LINE(531,79)-(533,81),D:LINE-(534,83),D:LINE-(536,86),D:LINE-(537,88),D
1640 'ﾐﾐ
1650 LINE(537,88)-(539,87),A:LINE-(540,86),A:LINE-(544,85),A:LINE-(550,85),A:LIN
E-(548,87),A:LINE-(546,89),A:LINE-(542,91),A:LINE-(538,91),A
1660 'ﾖｺ ﾉ ｶﾐ
1670 LINE(535,85)-(534,87),D:LINE-(533,89),D:LINE-(530,91),D:LINE-(527,93),D:LIN
E-(523,95),D:LINE-(518,97),D:LINE-(513,99),D:LINE-(510,101),D:LINE-(508,103),D:L
INE-(506,107),D:LINE-(508,105),D:LINE-(512,103),D:LINE-(508,106),D
1680 LINE(508,106)-(507,109),D:LINE-(508,112),D:LINE-(510,114),D:LINE-(512,116),
D:LINE-(516,117),D:LINE-(517,117),D:LINE-(517,116),D:LINE-(522,118),D:LINE-(520,
116),D:LINE-(520,112),D:LINE-(524,108),D:LINE-(530,105),D
1690 LINE(530,105)-(534,101),D:LINE-(536,97),D:LINE-(538,94),D:LINE-(538,91),D:L
INE-(537,88),D
1700 'ﾐｷﾞｳﾃﾞ
1710 LINE(484,97)-(480,97),A:LINE-(473,98),A:LINE-(466,99),A:LINE-(461,100),A:LI
NE-(456,101),A:LINE-(448,103),A:LINE-(442,104),A:LINE-(432,106),A:LINE-(424,108)
,A:LINE-(422,109),A:LINE-(420,111),A:LINE-(416,114),A:LINE-(415,116),A
1720 LINE(415,116)-(415,117),A:LINE-(416,118),A:LINE-(418,119),A:LINE-(422,120),
A:LINE-(428,119),A:LINE-(435,118),A:LINE-(440,117),A:LINE-(448,115),A:LINE-(456,
113),A:LINE-(464,111),A:LINE-(468,110),A:LINE-(472,110),A:LINE-(477,109),A
1730 LINE(477,109)-(480,108),A:LINE-(482,106),A:LINE-(483,105),A:LINE-(484,105),
A:LINE(482,106)-(485,106),A:LINE-(487,105),A:LINE-(487,104),A:LINE-(484,103),A:L
INE(487,105)-(489,104),A:LINE-(490,103),A:LINE-(487,102),A:LINE-(484,101),A
1740 LINE(484,101)-(488,101),A:LINE-(488,102),A:LINE(490,102)-(491,100),A:LINE-(
486,99),A:LINE-(484,98),A:LINE(484,97)-(488,95),A:LINE-(487,97),A
1750 LINE(486,99)-(492,98),A:LINE-(496,99),A:LINE-(498,98),A:LINE-(492,96),A:LIN
E-(484,97),A:LINE-(476,100),A:LINE-(474,102),A:LINE-(470,104),A:LINE-(469,105),A
:LINE-(466,106),A:LINE-(458,107),A:LINE-(448,108),A
1760 LINE(448,108)-(436,109),A:LINE-(430,109),A:LINE-(426,110),A:LINE-(424,111),
A:LINE(496,103)-(502,104),A
1770 'ﾂﾉ
1780 LINE(548,68)-(554,68),F:LINE-(558,69),F:LINE-(555,71),F:LINE-(552,72),F:LIN
E(554,68)-(552,70),F:LINE-(555,71),F:LINE-(555,69),F
1790 'ﾑﾈ ﾄ ﾌﾞﾗ
1800 LINE(468,110)-(467,111),F:LINE-(468,113),F:LINE-(472,117),F:LINE-(480,118),
F:LINE-(490,118),F:LINE-(486,119),F:LINE-(494,119),F:LINE-(499,118),F
1810 LINE(500,114)-(498,116),A:LINE-(499,117),A:LINE-(499,118),F:LINE-(502,121),
F:LINE-(506,123),F:LINE-(510,124),F:LINE-(518,125),F:LINE-(526,124),F:LINE-(531,
122),F:LINE-(533,120),F
1820 LINE(533,120)-(535,118),A:LINE-(536,117),A:LINE-(535,115),A:LINE-(534,114),
A
1830 LINE(480,108)-(482,108),F:LINE-(485,109),F:LINE-(486,110),F:LINE-(487,112),
F:LINE-(488,109),F:LINE-(489,112),F:LINE-(490,114),F:LINE-(493,116),F:LINE-(493,
114),F:LINE-(496,116),F:LINE-(498,117),F:LINE-(504,116),F:LINE-(510,115),F
1840 LINE(520,116)-(524,116),F:LINE-(528,117),F:LINE-(530,118),F:LINE-(533,120),
F
1850 'ﾋﾀﾞﾘ ｳﾃﾞ
1860 LINE(534,102)-(537,103),A:LINE-(542,104),A:LINE-(545,105),A:LINE-(548,106),
A:LINE-(551,108),A:LINE-(553,110),A:LINE-(556,113),A:LINE-(560,117),A:LINE-(576,
130),A:LINE-(579,134),A:LINE-(578,136),A:LINE-(576,138),A:LINE-(572,141),A
1870 LINE(572,141)-(562,144),A:LINE-(550,148),A:LINE-(548,149),A:LINE-(546,154),
A:LINE-(546,158),A:LINE-(545,160),A:LINE-(545,164),A:LINE-(543,162),A:LINE-(542,
158),A:LINE-(542,162),A:LINE-(540,165),A:LINE-(538,167),A:LINE-(538,163),A
1880 LINE(538,163)-(539,161),A:LINE-(536,158),A:LINE-(532,164),A:LINE-(530,166),
A:LINE-(528,167),A:LINE-(528,166),A:LINE-(530,163),A:LINE-(532,158),A:LINE-(532,
157),A:LINE-(530,157),A:LINE-(527,159),A:LINE-(524,162),A:LINE-(522,164),A
1890 LINE(522,164)-(521,163),A:LINE-(522,161),A:LINE-(524,158),A:LINE-(528,155),
A:LINE-(522,156),A:LINE-(518,157),A:LINE-(516,157),A:LINE-(515,156),A:LINE-(520,
155),A:LINE-(526,153),A:LINE-(530,151),A:LINE-(534,148),A:LINE-(540,145),A
1900 LINE(540,145)-(549,140),A:LINE-(554,136),A:LINE-(558,134),A:LINE-(560,133),
A:LINE-(564,132),A:LINE-(566,132),A
1910 LINE(535,118)-(537,119),A:LINE-(540,120),A:LINE-(546,124),A:LINE-(550,127),
A:LINE-(556,132),A:LINE-(558,134),A
1920 'ｶﾐﾉｹ [ｳｼﾛ]
1930 LINE(516,59)-(526,58),D:LINE-(532,58),D:LINE-(538,59),D:LINE-(544,60),D:LIN
E-(550,62),D:LINE-(558,65),D:LINE-(564,69),D:LINE-(568,72),D:LINE-(572,76),D:LIN
E-(575,80),D:LINE-(576,82),D:LINE-(578,84),D:LINE-(582,87),D:LINE-(600,96),D
1940 LINE(600,96)-(604,98),D:LINE-(610,104),D:LINE-(612,108),D:LINE-(613,112),D:
LINE-(613,117),D:LINE-(612,120),D:LINE-(610,123),D:LINE-(606,127),D:LINE-(602,12
9),D:LINE-(606,125),D:LINE-(608,122),D:LINE-(608,120),D:LINE-(607,118),D
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1950 LINE(607,118)-(606,121),D:LINE-(604,124),D:LINE-(602,126),D:LINE-(597,129),
D:LINE-(592,131),D:LINE-(586,133),D:LINE-(580,134),D
1960 'ウシロガミ ツヅキ
1970 LINE(554,136)-(546,137),D:LINE-(550,135),D:LINE-(542,137),D:LINE-(530,139),
D:LINE-(524,139),D:LINE-(518,138),D:LINE-(523,137),D:LINE-(510,137),D:LINE-(507,
136),D
1980 ' ドウ ミギ-ヒダリ
1990 LINE(472,117)-(471,121),A:LINE-(470,123),A:LINE-(468,125),A:LINE-(466,126),
A:LINE-(463,127),A:LINE-(460,128),A:LINE-(456,129),A:LINE-(453,130),A:LINE-(448,
132),A:LINE-(446,133),A
2000 LINE(526,124)-(524,126),A:LINE-(520,128),A:LINE-(515,130),A:LINE-(510,132),
A:LINE-(508,133),A:LINE-(507,134),A:LINE-(506,138),A:LINE-(504,145),A:LINE-(502,
147),A
2010 ' パンティ
2020 LINE(446,133)-(450,133),F:LINE-(456,136),F:LINE-(464,140),F:LINE-(467,141),
F:LINE-(474,143),F:LINE-(484,145),F:LINE-(492,146),F:LINE-(498,147),F:LINE-(502,
147),F:LINE-(503,149),F:LINE-(505,150),F:LINE-(506,150),F:LINE-(507,151),F
2030 LINE(507,151)-(506,152),F:LINE-(504,151),F:LINE-(500,151),F:LINE-(496,150),
F:LINE-(490,150),F:LINE-(488,152),F:LINE-(491,154),F:LINE-(484,153),F:LINE-(476,
153),F:LINE-(468,155),F:LINE-(464,155),F:LINE-(460,156),F:LINE-(455,155),F
2040 LINE(455,155)-(454,154),F:LINE-(456,152),F:LINE-(456,150),F:LINE-(455,148),
F:LINE-(453,146),F:LINE-(456,147),F:LINE-(456,146),F:LINE-(454,145),F:LINE-(454,
144),F:LINE-(452,142),F:LINE-(447,140),F:LINE-(442,138),F:LINE-(440,137),F
2050 LINE(440,137)-(435,137),F:LINE-(436,135),F:LINE-(436,134),F:LINE-(438,135),
F:LINE-(438,134),F:LINE-(439,135),F:LINE-(442,134),F:LINE-(446,133),F
2060 ' ミギ アシ
2070 LINE(435,137)-(430,139),A:LINE-(425,141),A:LINE-(421,143),A:LINE-(415,146),
A:LINE-(410,149),A:LINE-(407,151),A:LINE-(403,154),A:LINE-(400,157),A:LINE-(396,
160),A:LINE-(390,165),A:LINE-(386,169),A:LINE-(383,172),A:LINE-(379,175),A
2080 LINE(379,175)-(375,178),A:LINE-(371,180),A:LINE-(366,181),F:LINE-(358,183),
F:LINE-(351,185),F:LINE-(344,187),F:LINE-(339,189),F:LINE-(332,192),F:LINE-(327,
194),F:LINE-(323,196),F:LINE-(321,197),F:LINE-(318,199),F
2090 LINE(353,199)-(365,195),F:LINE-(376,191),F:LINE-(380,190),A:LINE-(383,189),
A:LINE-(386,187),A:LINE-(392,184),A:LINE-(398,182),A:LINE-(403,180),A:LINE-(412,
176),A:LINE-(422,172),A:LINE-(430,168),A:LINE-(438,165),A:LINE-(443,162),A
2100 LINE(443,162)-(447,160),A:LINE-(452,157),A:LINE-(454,155),A
2110 ' ヒダリ アシ
2120 LINE(460,156)-(461,158),A:LINE-(463,161),A:LINE-(466,165),A:LINE-(469,168),
A:LINE-(472,170),A:LINE-(476,173),A:LINE-(480,176),A:LINE-(486,180),A:LINE-(490,
183),A:LINE-(496,186),A:LINE-(500,189),A:LINE-(504,192),A:LINE-(506,194),A
2130 LINE(504,193)-(500,193),F:LINE-(494,194),F:LINE-(489,195),F:LINE-(482,197),
F:LINE-(478,198),F:LINE-(475,199),F
2140 LINE(504,151)-(506,155),A:LINE-(512,162),A:LINE-(516,168),A:LINE-(520,174),
A:LINE-(524,181),A:LINE-(526,186),A:LINE-(527,191),A:LINE-(528,193),A:LINE-(528,
196),A:LINE-(526,199),A
2150 'ブーツ ノ フチ [ミギ-ヒダリ]
2160 LINE(367,181)-(366,183),F:LINE-(364,186),F:LINE-(360,190),F:LINE-(364,188),
F:LINE-(362,190),F:LINE-(362,193),F:LINE-(368,192),F:LINE-(375,191),F
2170 LINE(504,193)-(504,199),F:LINE-(506,198),F:LINE-(505,199),F
2180 LINE(481,133)-(479,134),A ' オヘソ
2200 'カミ ノ モヨウ [ウシロ]
2210 LINE(536,61)-(543,62),E:LINE-(549,64),E:LINE-(556,67),E:LINE-(560,70),E:LIN
E-(562,73),E:LINE-(562,76),E:LINE-(564,79),E:LINE-(568,83),E:LINE-(570,86),E:LIN
E-(566,84),E:LINE-(562,84),E:LINE-(560,86),E:LINE-(562,88),E:LINE-(565,91),E
2220 LINE(565,91)-(570,93),E:LINE-(572,93),E:LINE-(576,90),E:LINE-(584,96),E:LIN
E-(590,99),E:LINE-(595,102),E:LINE-(597,106),E:LINE-(599,109),E:LINE-(598,112),E
:LINE-(596,109),E:LINE-(591,105),E:LINE-(587,103),E:LINE-(584,103),E
2230 LINE(584,103)-(580,104),E:LINE-(578,106),E:LINE-(576,109),E:LINE-(576,111),
E:LINE-(578,114),E:LINE-(582,117),E:LINE-(588,119),E:LINE-(594,117),E:LINE-(590,
120),E:LINE-(583,124),E:LINE-(576,126),E:LINE-(572,127),E
2240 LINE(552,129)-(550,130),E:LINE-(538,132),E:LINE-(526,132),E:LINE(536,130)-(
526,132),E:LINE-(520,133),E:LINE-(509,133),E
2250 ' [ヨコガミ]
2260 LINE(536,86)-(532,94),E:LINE-(529,97),E:LINE-(525,100),E:LINE-(522,102),E:L
INE-(519,104),E:LINE-(518,106),E:LINE-(522,104),E:LINE-(518,107),E:LINE-(516,110
),E:LINE-(516,114),E:LINE-(517,116),E
2270 ' マエガミ ヒダリ
2280 LINE(520,63)-(530,62),E:LINE-(540,65),E:LINE-(543,67),E:LINE-(548,72),E:LIN
E-(550,75),E:LINE-(552,80),E
2290 LINE(520,63)-(520,65),E:LINE-(522,67),E:LINE-(526,69),E:LINE-(531,71),E:LIN
E-(534,73),E:LINE-(538,76),E:LINE-(538,78),E:LINE-(540,77),E:LINE-(540,76),E:LIN
E-(538,73),E:LINE-(535,70),E:LINE-(534,69),E:LINE-(534,68),E:LINE-(538,70),E
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2300 LINE(538,70)-(541,73),E:LINE-(544,76),E:LINE-(546,82),E:LINE-(545,85),E
2310 ' ｳｼﾛｶﾞﾐ ﾐｷﾞ
2320 LINE(460,100)-(462,98),E:LINE-(458,99),E:LINE-(462,96),E:LINE-(468,94),E:LI
NE-(465,94),E:LINE-(468,93),E:LINE-(482,92),E:LINE-(490,91),E:LINE-(488,92),E:LI
NE-(482,97),E:LINE(492,96)-(499,94),E
2330 LINE(469,115)-(466,117),E:LINE-(466,120),E:LINE-(469,122),E
2400 ' ｲﾛｱｲ (ｱﾀﾙ ,ﾌｸ)
2410 LINE(106,71)-(106,68),H:LINE-(114,59),H:LINE-(118,56),H:LINE-(124,58),H:LIN
E-(128,62),H:LINE-(142,66),H
2420 LINE(94,76)-(102,76),H:LINE-(123,81),H:LINE(96,101)-(104,90),H:LINE-(108,85
),H:LINE-(113,82),H
2430 LINE(128,92)-(135,98),H:LINE-(138,98),H:LINE-(142,101),H:LINE-(160,109),H:L
INE-(166,113),H:LINE-(172,119),H:LINE-(175,125),H:LINE-(181,129),H:LINE-(192,137
),H:LINE-(200,141),H:LINE-(211,148),H
2440 LINE(175,85)-(182,85),H:LINE-(188,86),H:LINE-(202,89),H:LINE-(206,90),H:LIN
E-(206,92),H:LINE-(201,97),H:LINE-(200,100),H:LINE-(198,105),H:LINE-(196,115),H:
LINE-(196,125),H
2450 ' ｴﾙ (ｶﾐﾉｹ ﾐｷﾞ-ﾏｴ)
2460 LINE(264,100)-(262,102),H:LINE-(261,106),H:LINE-(261,112),H:LINE-(262,114),
H:LINE-(264,117),H:LINE-(269,122),H:LINE-(283,130),H:LINE-(290,134),H:LINE-(292,
135),H:LINE-(294,138),H
2470 LINE(264,95)-(244,89),H:LINE-(237,87),H:LINE-(229,83),H:LINE-(226,80),H:LIN
E-(220,76),H:LINE-(216,72),H:LINE-(210,64),H:LINE-(208,59),H:LINE-(208,56),H:LIN
E-(210,51),H:LINE-(213,47),H:LINE-(215,45),H
2480 LINE(215,45)-(214,49),H:LINE-(214,56),H:LINE-(216,62),H:LINE-(216,57),H:LIN
E-(220,48),H:LINE-(222,44),H:LINE-(226,40),H:LINE-(230,37),H:LINE-(235,33),H:LIN
E-(240,31),H:LINE-(238,33),H:LINE-(236,36),H:LINE-(234,44),H:LINE-(234,49),H
2490 LINE(234,49)-(236,55),H:LINE-(239,59),H:LINE-(242,62),H:LINE-(247,66),H:LIN
E-(251,69),H:LINE-(256,71),H:LINE-(252,67),H:LINE-(248,62),H:LINE-(244,55),H:LIN
E-(244,50),H:LINE-(245,45),H:LINE-(248,41),H:LINE-(257,31),H:LINE-(261,28),H
2500 LINE(261,28)-(258,35),H:LINE-(255,47),H:LINE-(254,51),H:LINE-(256,54),H:LIN
E-(260,58),H:LINE-(264,62),H:LINE-(272,68),H:LINE-(278,70),H:LINE-(276,67),H:LIN
E-(273,60),H:LINE-(270,51),H:LINE-(270,38),H:LINE-(271,34),H:LINE-(274,29),H
2510 LINE(274,29)-(276,27),H:LINE-(280,25),H:LINE-(281,30),H:LINE-(287,36),H:LIN
E-(294,42),H:LINE-(292,34),H:LINE-(290,28),H:LINE-(289,25),H:LINE-(291,22),H:LIN
E-(293,20),H:LINE-(298,24),H
2520 ' ｴﾙﾉｶﾐ ｳｴ
2530 LINE(374,32)-(378,31),H:LINE-(392,31),H:LINE-(381,25),H:LINE-(367,19),H:LIN
E-(360,17),H:LINE-(351,15),H:LINE-(341,13),H:LINE-(360,13),H:LINE-(380,15),H:LIN
E-(400,19),H:LINE-(407,20),H
2540 LINE(407,20)-(404,16),H:LINE-(401,14),H:LINE-(397,12),H:LINE-(395,11),H:LIN
E-(398,11),H:LINE-(405,13),H:LINE-(411,15),H:LINE-(416,17),H:LINE-(422,21),H
2550 ' ﾋﾀﾞﾘ
2560 LINE(367,56)-(369,50),H:LINE-(370,49),H
2570 LINE(373,49)-(372,51),H:LINE-(374,57),H:LINE-(378,62),H:LINE-(388,71),H:LIN
E-(401,77),H:LINE-(410,80),H:LINE-(416,81),H:LINE-(422,81),H:LINE-(411,77),H:LIN
E-(407,75),H:LINE-(403,73),H:LINE-(402,72),H:LINE-(410,75),H:LINE-(418,77),H
2580 LINE(418,77)-(411,74),H:LINE-(406,71),H:LINE-(403,69),H:LINE-(399,68),H:LIN
E-(395,66),H:LINE-(392,64),H:LINE-(388,58),H:LINE-(388,51),H
2590 '
2600 LINE(384,110)-(384,104),H:LINE-(386,99),H:LINE-(394,89),H:LINE-(398,85),H:L
INE-(397,90),H:LINE-(394,95),H:LINE-(390,101),H:LINE-(390,110),H:LINE-(392,114),
H:LINE-(397,120),H:LINE-(394,113),H:LINE-(393,109),H:LINE-(393,106),H
2610 LINE(393,106)-(396,103),H:LINE-(395,106),H:LINE-(395,110),H:LINE-(394,115),
H:LINE-(400,118),H:LINE-(404,121),H:LINE-(408,125),H:LINE-(410,128),H:LINE-(412,
124),H:LINE-(412,121),H:LINE-(411,119),H:LINE-(408,116),H:LINE-(402,111),H
2620 LINE(402,111)-(400,109),H:LINE-(400,100),H:LINE-(402,93),H:LINE-(406,85),H:
LINE-(410,80),H
2630 ' ｶﾐ ｳｼﾛ
2640 LINE(454,80)-(457,86),H:LINE-(456,89),H:LINE-(454,93),H:LINE-(446,97),H:LIN
E-(437,101),H:LINE-(431,104),H:LINE-(425,106),H
2650 LINE(456,80)-(461,81),H:LINE-(466,85),H:LINE-(468,88),H:LINE(474,88)-(478,8
4),H:LINE-(479,80),H
2660 LINE(484,89)-(484,83),H:LINE-(482,79),H:LINE-(486,82),H:LINE-(488,85),H:LIN
E-(489,89),H
2670 '
2680 LINE(440,117)-(432,124),H:LINE-(426,129),H:LINE-(420,132),H:LINE-(431,128),
H:LINE-(438,125),H:LINE-(444,121),H:LINE-(451,116),H
2690 ' ﾊﾞﾗ ﾉ ﾊﾅ
2700 LINE(430,51)-(424,48),H:LINE-(419,44),H:LINE-(416,40),H:LINE-(413,37),H:LIN
E-(415,36),H:LINE-(418,36),H:LINE-(422,35),H:LINE-(430,31),H:LINE-(434,30),H
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2710 LINE(471,25)-(476,23),H:LINE-(480,22),H:LINE-(488,20),H:LINE-(492,20),H:LIN
E-(492,21),H:LINE-(490,23),H:LINE-(488,26),H:LINE-(488,27),H:LINE-(490,29),H:LIN
E-(492,32),H:LINE-(491,34),H:LINE-(490,36),H:LINE-(486,39),H:LINE-(483,39),H
2720 LINE(510,40)-(509,42),H:LINE-(510,44),H:LINE-(514,50),H:LINE-(514,53),H:LIN
E-(509,56),H:LINE-(504,57),H
2730 LINE(484,47)-(488,53),H:LINE-(492,56),H:LINE-(493,59),H:LINE-(490,62),H:LIN
E-(480,70),H:LINE-(477,72),H
2740 LINE(467,60)-(463,65),H:LINE-(460,67),H:LINE-(450,65),H:LINE-(443,63),H:LIN
E-(435,61),H:LINE-(430,59),H
2750 LINE(478,43)-(472,47),H:LINE-(462,51),H:LINE-(452,55),H:LINE-(444,51),H:LIN
E-(441,48),H:LINE-(441,47),H:LINE-(443,45),H:LINE-(446,43),H:LINE-(446,39),H:LIN
E-(448,36),H:LINE-(452,33),H:LINE-(459,31),H
2760 ' ｶｵ ﾉ ｶｹﾞﾘ . ﾐｷﾞﾒ - ﾊﾅ - ﾋﾀﾞﾘﾒ
2770 LINE(264,100)-(266,100),H:LINE-(270,98),H:LINE-(275,96),H:LINE-(275,95),H:L
INE-(270,94),H:LINE-(264,94),H
2780 LINE(288,102)-(292,101),H:LINE-(296,99),H:LINE-(296,98),H:LINE-(294,97),H:L
INE-(290,96),H:LINE-(284,95),H:LINE-(280,94),H
2790 LINE(389,79)-(386,80),H:LINE-(376,83),H:LINE-(366,85),H:LINE-(350,88),H:LIN
E-(352,89),H:LINE-(366,90),H:LINE-(374,90),H:LINE-(384,89),H
2800 ' ｳﾅｼﾞ ﾉ ｶｹﾞﾘ
2810 LINE(380,69)-(382,73),H:LINE-(388,77),H:LINE-(390,79),H:LINE-(389,82),H:LIN
E-(386,86),H:LINE-(382,91),H:LINE-(378,97),H:LINE-(377,100),H:LINE-(377,103),H:L
INE-(378,108),H:LINE-(380,111),H:LINE-(382,118),H:LINE-(386,132),H:LINE-(385,139
),H
2820 LINE(385,139)-(380,148),H:LINE-(376,153),H:LINE-(370,158),H:LINE-(364,163),
H:LINE-(356,168),H:LINE-(346,172),H:LINE-(332,177),H:LINE-(334,179),H:LINE-(340,
180),H:LINE-(360,180),H:LINE-(375,179),H
2830 ' ｱｺﾞ ﾉ ｼﾀ
2840 LINE(321,141)-(324,139),H:LINE-(328,137),H:LINE-(338,133),H:LINE-(346,130),
H:LINE-(360,125),H:LINE-(355,126),H
2850 ' ｻｺﾂ
2860 LINE(298,170)-(305,170),H:LINE-(296,167),H:LINE-(288,165),H:LINE-(282,163),
H:LINE-(278,162),H:LINE-(278,164),H:LINE-(286,166),H:LINE-(292,168),H:LINE-(298,
170),H
2870 ' ﾜｷ
2880 LINE(215,174)-(218,170),H:LINE-(230,161),H:LINE-(236,159),H:LINE-(238,159),
H:LINE-(238,161),H:LINE-(237,163),H
2890 LINE(302,74)-(308,69),H:LINE-(310,67),H:LINE-(320,62),H:LINE(350,53)-(356,5
3),H:LINE-(361,56),H ' ﾏｴｶﾞﾐ ﾉ ｶｹﾞ
2900 ' ﾗﾑ ｳﾃﾞ ﾉ ｶｹﾞ  ﾐｷﾞ - ﾋﾀﾞﾘ
2910 LINE(442,108)-(473,102),H:LINE(420,119)-(443,114),H:LINE-(463,109),H:LINE-(
480,106),H
2920 LINE(578,134)-(570,138),H:LINE-(548,147),H:LINE-(532,154),H:LINE-(530,157),
H
2930 ' ﾐｷﾞｱｼ ﾉ ｶｹﾞﾘ
2940 LINE(362,193)-(378,185),H:LINE-(398,174),H:LINE-(420,161),H:LINE-(437,152),
H:LINE-(452,146),H
2950 ' ﾋﾀﾞﾘｱｼ ﾉ ｶｹﾞﾘ
2960 LINE(476,153)-(488,166),H:LINE-(500,180),H:LINE-(510,194),H:LINE-(506,198),
H
2990 LOAD "TERA.1B",R
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うる星やつら オンリー・ユー プログラムリスト②

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10 '************************************
20 '*                                  *
30 '*    ｳﾙｾｲﾔﾂﾗ ｵﾝﾘｰ･ﾕｰ   (LUM2)  No 2  *
40 '*       1983年 7月 28日             *
50 '*             by      T. Terashima  *
60 '*                                  *
70 '************************************
80 '
90 SCREEN 0,0:CONSOLE 0,25,0,1:WIDTH 80,25
100 'SCREEN 3,0:WINDOW(0,0)-(639,199):VIEW(0,0)-(639,399)
3000 'ｶﾗｰ ｺｰﾄﾞ  [ ﾀｲﾙ ﾊﾟﾀｰﾝ ]
3010 TILE1$=CHR$(&HAA)+CHR$(&HFF)+CHR$(&HFF):TILE2$=CHR$(&H0)+CHR$(&H0)+CHR$(&HF
F)
3020 TILE3$=CHR$(&H0)+CHR$(&H0)+CHR$(&HAA)+CHR$(&H0)+CHR$(&H0)+CHR$(&H55):TILE6$
=CHR$(&H88)+CHR$(&HFF)+CHR$(&HAA)+CHR$(&H22)+CHR$(&HFF)+CHR$(&H55)
3030 TILE4$=CHR$(&HAA)+CHR$(&HFF)+CHR$(&HFF):TILE5$=CHR$(&HFF)+CHR$(&H0)+CHR$(&H
0):TILE9$=CHR$(&HAA)+CHR$(&HFF)+CHR$(&H0)+CHR$(&H55)+CHR$(&HFF)+CHR$(&H0)
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3040 TILE7$=CHR$(&H88)+CHR$(&HFF)+CHR$(&HFF)+CHR$(&H22)+CHR$(&HFF)+CHR$(&HFF):TI
LE8$=CHR$(&H0)+CHR$(&H55)+CHR$(&H0)+CHR$(&H0)+CHR$(&HAA)+CHR$(&H0)
3050 PAINT(50,100),TILE5$,0:PAINT(180,100),TILE5$,0:PAINT(420,140),TILE5$,0:PAIN
T(460,170),TILE5$,0
3060 TILE10$=CHR$(&HFF)+CHR$(&H55)+CHR$(&HFF)+CHR$(&HFF)+CHR$(&HAA)+CHR$(&HFF):T
ILE11$=CHR$(&HAA)+CHR$(&HFF)+CHR$(&H55)+CHR$(&H55)+CHR$(&HFF)+CHR$(&HAA)
3090 A=7:B=2:C=3:D=4:E=5:F=6:G=1:H=0
3100 ' ﾍﾟｲﾝﾄ  [ ｱﾀﾙ ]
3110 PAINT(140,20),TILE8$,0:PAINT(140,80),2,0:PAINT(100,90),7,0:PAINT(120,87),TI
LE9$,0:PAINT(110,96),TILE9$,0:PAINT(110,106),TILE9$,0:PAINT(129,82),4,0:PAINT(17
2,91),4,0
3120 PAINT(150,30),TILE7$,0:PAINT(160,63),TILE7$,0:PAINT(150,43),TILE7$,0:PAINT(
130,35),TILE7$,0
3130 LINE(192,124)-(196,129),0:PAINT(130,70),TILE10$,0:PAINT(110,79),TILE10$,0:P
AINT(110,89),TILE10$,0:PAINT(190,140),TILE10$,0:PAINT(190,110),TILE10$,0
3200 ' ｴﾙ
3210 PAINT(260,20),TILE6$,0:PAINT(340,100),TILE1$,0:PAINT(340,25),5,0:PAINT(340,
53),5,0:PAINT(400,90),TILE6$,0:PAINT(395,70),TILE6$,0:PAINT(440,125),TILE6$,0:PA
INT(440,190),TILE1$,0:PAINT(440,90),TILE1$,0:PAINT(170,190),2,0:PAINT(210,190),2
,0
3220 PAINT(280,50),2,0:PAINT(280,125),2,0:PAINT(400,122),2,0:PAINT(391,95),2,0:P
AINT(372,60),2,0:PAINT(400,65),2,0:PAINT(410,100),2,0:PAINT(440,120),2,0:PAINT(4
70,85),2,0:PAINT(491,85),2,0:PAINT(400,25),2,0
3230 PAINT(365,52),TILE6$,0:PAINT(440,102),TILE6$,0:PAINT(460,85),TILE6$,0:PAINT
(480,85),TILE6$,0:PAINT(490,85),TILE6$,0
3240 PAINT(430,40),TILE10$,0:PAINT(450,40),TILE10$,0:PAINT(450,63),TILE10$,0:PAI
NT(460,50),TILE10$,0:PAINT(480,60),TILE10$,0:PAINT(480,25),TILE10$,0:PAINT(505,5
0),TILE10$,0
3250 PAINT(390,150),TILE7$,0:PAINT(330,133),TILE7$,0:PAINT(230,165),TILE7$,0:PAI
NT(299,169),TILE7$,0:PAINT(279,163),TILE7$,0:PAINT(285,165),TILE7$,0:PAINT(370,8
7),TILE11$,0:PAINT(268,96),TILE11$,0
3260 PAINT(306,68),TILE11$,0:PAINT(358,52),TILE11$,0:PAINT(382,68),2,0:PAINT(486
,85),2,0:PAINT(414,77),2,0:PAINT(411,76),2,0:PAINT(394,108),2,0:PAINT(399,12),2,
0:PAINT(429,128),2,0:PAINT(279,163),TILE7$,0:PAINT(282,164),TILE7$,0
3300 ' ﾗﾑ
3310 PAINT(510,85),TILE4$,0:PAINT(480,130),TILE4$,0:PAINT(440,113),TILE4$,0:PAIN
T(540,110),TILE4$,0:PAINT(420,160),TILE4$,0:PAINT(500,170),TILE4$,0:PAINT(540,90
),TILE4$,0
3320 PAINT(480,115),6,0:PAINT(510,120),6,0:PAINT(470,150),6,0:PAINT(340,195),6,0
:PAINT(490,198),6,0
3330 PAINT(600,120),TILE2$,0:PAINT(540,135),TILE2$,0:PAINT(460,114),TILE2$,0:PAI
NT(470,90),TILE2$,0:PAINT(514,65),TILE2$,0:PAINT(530,100),TILE2$,0
3340 PAINT(530,65),TILE3$,0:PAINT(560,100),TILE3$,0:PAINT(540,125),TILE3$,0:PAIN
T(469,118),TILE3$,0:PAINT(475,95),TILE3$,0:PAINT(500,96),TILE3$,0:PAINT(520,100)
,TILE3$,0
3350 PAINT(550,67),TILE3$,0:PAINT(549,71),TILE2$,0:PAINT(537,63),TILE2$,0:PAINT(
542,65),TILE2$,0:PAINT(454,100),TILE2$,0
3360 PAINT(463,105),TILE7$,0:PAINT(450,113),TILE7$,0:PAINT(430,160),TILE7$,0:PAI
NT(480,170),TILE7$,0:PAINT(540,155),TILE7$,0:PAINT(570,140),TILE7$,0
3370 PAINT(451,107),TILE7$,0:PAINT(430,118),TILE7$,0:PAINT(424,119),TILE7$,0
3670 PAINT(292,167),TILE7$,0:PAINT(289,166),TILE7$,0
4000 'ｱﾀﾙ ﾉ ｶｵ  [ ﾒ  ﾋﾀﾞﾘｰﾐｷﾞ ]
4010 LINE(162,32)-(162,27),A:LINE-(160,25),A:LINE-(158,26),A:LINE-(157,27),A:LIN
E-(158,33),A:LINE-(160,33),A:LINE-(162,32),A:PAINT(160,30),7,7:CIRCLE(160,31),1,
0,,,1/1
4020 LINE(162,27)-(160,25),H:LINE-(158,26),H:LINE-(157,27),H:LINE(158,33)-(160,3
3),H:LINE-(162,32),H
4030 LINE(148,34)-(147,29),A:LINE-(146,28),A:LINE-(144,27),A:LINE-(142,28),A:LIN
E-(140,32),A:LINE-(142,34),A:LINE-(148,34),A:PAINT(145,32),7,7:CIRCLE(146,32),1,
0,,,1/1
4040 LINE(147,29)-(146,28),H:LINE-(144,27),H:LINE-(142,28),H:LINE-(140,32),H:LIN
E(142,34)-(148,34),H:PAINT(160,31),0,0:PAINT(146,32),0,0
4050 LINE(159,36)-(160,35),H:LINE-(158,34),H:LINE(150,39)-(154,40),H:LINE-(156,4
0),H:LINE-(158,38),H:LINE-(154,38),H:LINE-(150,39),H:PAINT(155,39),2,H
4060 ' ｴﾙ ﾉ ｶｵ  [ ﾒ  ﾋﾀﾞﾘｰﾐｷﾞ ]
4070 LINE(332,86)-(334,87),H:LINE-(336,87),H:LINE-(342,86),H:LINE-(351,85),H:LIN
E-(363,83),H:LINE-(368,82),H:LINE-(370,81),H:LINE-(374,77),H:LINE-(374,74),H:LIN
E-(373,72),H:LINE-(372,71),H:LINE-(368,69),H:LINE-(366,69),H:LINE-(360,70),H
4080 LINE(360,70)-(350,71),H:LINE-(342,72),H:LINE-(336,73),H:LINE-(329,75),H:LIN
E-(327,76),H:LINE-(328,81),H:LINE-(332,86),H:PAINT(340,80),7,H:LINE(332,86)-(328
,81),A:LINE-(327,76),A:PSET(327,76),H:PSET(332,86),H
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4090 LINE(327,76)-(324,73),H:LINE-(330,71),H:LINE-(342,69),H:LINE-(350,68),H:LIN
E-(360,67),H:LINE-(370,67),H:LINE-(372,69),H:LINE-(374,70),H:LINE-(374,74),H:PAI
NT(345,70),H,H
4100 LINE(321,71)-(326,70),H:LINE-(336,68),H:LINE-(343,67),H:LINE-(354,66),H:LIN
E-(370,67),H
4110 LINE(363,83)-(357,82),H:LINE-(354,81),H:LINE-(350,77),H:LINE-(350,74),H:LIN
E-(354,70),H:PAINT(362,76),5,H:CIRCLE(362,76),2,0,,,1/.8:PAINT(362,76),0,0:CIRCL
E(357,74),2,7,,,1/.8:PAINT(357,74),7,7
4120 ' ﾐｷﾞﾒ
4130 LINE(269,90)-(272,91),H:LINE-(280,91),H:LINE-(286,90),H:LINE-(288,88),H:LIN
E-(288,86),H:LINE-(286,84),H:LINE-(285,83),H:LINE-(280,82),H:LINE-(264,82),H:LIN
E-(264,84),H:LINE-(264,85),H:LINE-(266,88),H:LINE-(269,90),H:PAINT(270,85),7,H
4140 LINE(264,84)-(260,81),H:LINE-(260,80),H:LINE-(264,79),H:LINE-(272,79),H:LIN
E-(278,80),H:LINE-(282,81),H:LINE-(285,83),H:LINE(264,85)-(266,88),A:LINE-(269,9
0),A:PSET(269,90),0:PAINT(270,80),0,H
4150 LINE(258,78)-(262,77),H:LINE-(268,77),H:LINE-(280,79),H:LINE-(286,83),H:LIN
E(276,82)-(274,84),H:LINE-(274,85),H:LINE-(276,88),H:LINE-(280,90),H:LINE-(286,9
0),H:PAINT(282,86),5,H
4160 CIRCLE(282,86),2,0,,,1/.8:PAINT(282,86),0,0:CIRCLE(279,84),1,7,,,1/.8:PAINT
(279,84),7,7
4170 ' ﾏﾕｹﾞ
4180 LINE(312,68)-(316,66),H:LINE-(322,65),H:LINE-(332,63),H:LINE-(348,60),H:LIN
E-(362,60),H:LINE-(370,61),H:LINE(312,68)-(316,68),H:LINE-(328,65),H:LINE-(342,6
2),H:LINE-(354,60),H:LINE(312,68)-(351,60),H:LINE(289,98)-(290,98),H:LINE-(293,9
9),H
4190 ' ﾊ ﾅ
4200 LINE(288,102)-(288,101),H:LINE-(282,98),H:LINE-(280,96),H:LINE-(279,95),H:L
INE-(280,94),H:LINE-(282,93),H:LINE-(285,92),H:LINE-(287,91),H:PAINT(286,97),TIL
E7$,H:PAINT(293,98),TILE7$,H
4210 ' ｸ ﾁ
4220 LINE(318,111)-(306,110),H:LINE-(302,109),H:LINE-(300,109),H:LINE-(298,110),
H:LINE-(296,110),H:LINE-(292,109),H:LINE-(291,111),H:LINE-(294,112),H:LINE-(295,
113),H:LINE-(294,114),H:LINE-(294,115),H:LINE-(296,116),H:LINE-(300,117),H
4230 LINE(300,117)-(304,117),H:LINE-(308,116),H:LINE-(314,113),H:LINE-(318,111),
H:PAINT(300,113),2,0
4240 LINE(295,113)-(302,111),H:LINE-(310,112),H:LINE-(318,111),H
4250 ' ﾏﾂｹﾞ
4260 LINE(368,67)-(378,64),H:LINE(371,68)-(378,67),H:LINE(372,69)-(378,69),H:LIN
E(374,71)-(380,72),H:LINE(374,74)-(380,74),H:LINE(370,81)-(374,81),H:LINE(372,79
)-(376,79),H
4270 LINE(324,73)-(317,72),H:LINE(326,75)-(318,75),H:LINE(327,76)-(322,77),H
4280 LINE(264,79)-(260,76),H:LINE(260,80)-(254,78),H:LINE(260,82)-(255,81),H:LIN
E(269,90)-(267,91),H:LINE(272,91)-(268,92),H:LINE(262,83)-(258,84),H
4290 ' ﾗﾑ ﾉ ｶｵ [ ﾒ ﾋﾀﾞﾘｰﾐｷﾞ ]
4300 LINE(517,84)-(526,84),H:LINE-(530,82),H:LINE-(530,81),H:LINE-(526,80),H:LIN
E-(520,79),H:LINE-(516,79),H:LINE-(516,83),H:LINE-(517,84),H:PAINT(522,82),7,H:L
INE(516,83)-(516,80),A:
4310 CIRCLE(519,81),2,0,,,1/.8:PAINT(519,81),0,0:PSET(519,81),7:LINE(518,78)-(52
6,79),G:LINE-(531,81),G
4320 ' ﾐｷﾞﾒ
4330 LINE(498,81)-(500,82),H:LINE-(502,82),H:LINE-(503,80),H:LINE-(502,78),H:LIN
E-(500,76),H:LINE-(498,76),H:LINE-(496,77),H:LINE-(496,78),H:LINE-(498,81),H:PAI
NT(500,80),7,H:LINE(496,78)-(498,81),A:PSET(496,78),H:PSET(498,81),H
4340 CIRCLE(499,79),2,0,,,1/.8:PAINT(499,79),0,0:PSET(499,79),7:LINE(496,77)-(49
8,76),G:LINE-(500,76),G:LINE-(503,78),G
4350 ' ﾏﾕｹﾞ
4360 LINE(498,75)-(502,76),H:LINE-(504,78),H:LINE(518,77)-(526,77),H
4370 'ﾊﾅ ﾄ ｸﾁ
4380 LINE(500,85)-(501,83),H:LINE-(503,83),H:LINE(501,88)-(502,89),B:LINE-(504,9
0),B:LINE-(506,90),B:LINE-(506,89),B:LINE-(502,88),B:PAINT(503,89),2,2:LINE(502,
91)-(504,92),H:LINE-(506,91),H
4390 'ﾌﾞﾗ ﾉ ﾓﾖｳ
4400 LINE(480,108)-(482,109),H:LINE-(484,111),H:LINE-(487,113),H:LINE-(490,115),
H:LINE-(488,115),H:LINE-(486,114),H:LINE-(482,112),H:LINE-(480,110),H:LINE-(476,
109),H:PAINT(481,110),0,0
4410 LINE(472,110)-(476,111),H:LINE-(484,115),H:LINE-(490,117),H:LINE-(486,116),
H:LINE-(480,115),H:LINE-(474,113),H:LINE-(468,110),H:PAINT(475,112),0,0
4420 LINE(467,112)-(475,115),H:LINE-(480,116),H:LINE-(486,117),H:LINE(480,117)-(
470,115),H
4430 LINE(499,117)-(516,117),H:LINE-(522,118),H:LINE-(530,120),H:LINE-(522,117),
H:PAINT(509,116),0,0
4440 LINE(504,118)-(520,119),H:LINE-(527,121),H:LINE-(504,118),H:PAINT(520,120),
0,0
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4450 LINE(502,119)-(510,121),H:LINE-(520,122),H:LINE-(530,122),H:LINE(502,119)-(
510,122),H:LINE-(526,124),H:PAINT(520,123),0,0
4460 ' ﾊﾟﾝﾃｨ ﾉ ﾓﾖｳ
4470 LINE(486,148)-(496,150),H:LINE-(505,150),H:LINE(446,134)-(460,140),H:LINE-(
484,147),H:LINE-(492,148),H:LINE-(496,148),H:LINE(440,136)-(483,151),H:LINE-(480
,150),H:LINE-(452,142),H:LINE(442,137)-(460,144),H
4480 LINE(456,147)-(465,150),H:LINE-(475,152),H:LINE-(470,152),H:LINE-(455,148),
H:LINE(456,150)-(467,154),H:LINE-(464,154),H:LINE-(456,151),H:LINE(490,148)-(470
,144),H
4490 ' ﾌﾞｰﾂ ﾉ ﾓﾖｳ [ﾐｷﾞ]
4500 LINE(362,182)-(354,194),H:LINE-(354,191),H:LINE-(358,183),H:PAINT(359,185),
0,H:LINE(351,185)-(344,198),H:LINE-(343,196),H:LINE-(345,187),H:PAINT(346,190),0
,H
4510 LINE(340,189)-(335,199),H:LINE(333,192)-(333,199),H:PAINT(336,192),0,H:LINE
(328,194)-(328,199),H:LINE(323,199)-(323,196),H:PAINT(326,197),0,H
4520 LINE(365,195)-(358,195),H:LINE-(361,196),H:LINE(358,197)-(351,198),H:LINE-(
353,199),H
4530 ' ﾋﾀﾞﾘ ｱｼ
4540 LINE(501,193)-(496,199),H:LINE(495,194)-(492,199),H:PAINT(497,195),0,H:LINE
(490,195)-(487,199),H:LINE(484,196)-(482,199),H:PAINT(486,197),0,H
4550 ' ﾊｸｾﾝ
4560 LINE(464,175)-(474,172),H:LINE(476,179)-(480,176),H:LINE(506,155)-(536,138)
,H:LINE(512,162)-(523,156),H:LINE(600,96)-(639,69),H:LINE(607,101)-(639,79),H
4570 LINE(413,0)-(392,5),H:LINE(431,0)-(405,7),H:LINE(204,76)-(196,80),H:LINE(21
2,80)-(206,83),H:LINE(190,91)-(170,102),H:LINE(162,98)-(171,93),H:LINE(174,91)-(
177,90),H
4580 LINE(146,107)-(110,130),H:LINE-(84,150),H:LINE-(65,170),H:LINE-(54,185),H:L
INE-(46,199),H
4590 LINE(155,111)-(124,130),H:LINE-(96,152),H:LINE-(76,172),H:LINE-(66,186),H:L
INE-(59,199),H
4600 PAINT(100,144),A,H:PAINT(170,97),A,H:PAINT(205,80),A,H:PAINT(410,3),A,H:PAI
NT(620,90),A,H:PAINT(540,140),A,H:PAINT(472,175),A,H
4610 ' ﾊﾅﾋﾞﾗ
4620 LINE(140,115)-(138,115),B:LINE-(136,115),B:LINE-(138,117),B:LINE-(142,116),
B:LINE-(140,115),B:PAINT(140,116),B,B
4630 ' ｼｭｳｾｲ
4640 PAINT(540,64),TILE2$,0:PAINT(536,70),TILE2$,0:PAINT(520,104),TILE2$,0:PAINT
(519,105),TILE2$,0
4650 PAINT(539,76),TILE3$,0:PAINT(590,119),TILE3$,0:PAINT(539,62),TILE3$,0:PAINT
(487,92),TILE3$,0:PAINT(556,68),TILE3$,0
4660 PAINT(368,60),B,H:PAINT(305,65),G,H:PAINT(430,135),B,H:PAINT(427,135),G,H:P
AINT(492,97),TILE1$,H
5000 'ｶﾐ ﾉ ﾓﾖｳ [ｳｼﾛ]
5010 E=4
5020 LINE(536,61)-(543,62),E:LINE-(549,64),E:LINE-(556,67),E:LINE-(560,70),E:LIN
E-(562,73),E:LINE-(562,76),E:LINE-(564,79),E:LINE-(568,83),E:LINE-(570,86),E:LIN
E-(566,84),E:LINE-(562,84),E:LINE-(560,86),E:LINE-(562,88),E:LINE-(565,91),E
5030 LINE(565,91)-(570,93),E:LINE-(572,93),E:LINE-(576,90),E:LINE-(584,96),E:LIN
E-(590,99),E:LINE-(595,102),E:LINE-(597,106),E:LINE-(599,109),E:LINE-(598,112),E
:LINE-(596,109),E:LINE-(591,105),E:LINE-(587,103),E:LINE-(584,103),E
5040 LINE(584,103)-(580,104),E:LINE-(578,106),E:LINE-(576,109),E:LINE-(576,111),
E:LINE-(578,114),E:LINE-(582,117),E:LINE-(588,119),E:LINE-(594,117),E:LINE-(590,
120),E:LINE-(583,124),E:LINE-(576,126),E:LINE-(572,127),E
5050 LINE(552,129)-(550,130),E:LINE-(538,132),E:LINE-(526,132),E:LINE(536,130)-(
526,132),E:LINE-(520,133),E:LINE-(509,133),E
5060 ' [ﾖｺｶﾞﾐ]
5070 LINE(536,86)-(532,94),E:LINE-(529,97),E:LINE-(525,100),E:LINE-(522,102),E:L
INE-(519,104),E:LINE-(518,106),E:LINE-(522,104),E:LINE-(518,107),E:LINE-(516,110
),E:LINE-(516,114),E:LINE-(517,116),E
5080 ' ﾏｴｶﾞﾐ  ﾋﾀﾞﾘ
5090 LINE(520,63)-(530,62),E:LINE-(540,65),E:LINE-(543,67),E:LINE-(548,72),E:LIN
E-(550,75),E:LINE-(552,80),E
5100 LINE(520,63)-(520,65),E:LINE-(522,67),E:LINE-(526,69),E:LINE-(531,71),E:LIN
E-(534,73),E:LINE-(538,76),E:LINE-(538,78),E:LINE-(540,77),E:LINE-(540,76),E:LIN
E-(538,73),E:LINE-(535,70),E:LINE-(534,69),E:LINE-(534,68),E:LINE-(538,70),E
5110 LINE(538,70)-(541,73),E:LINE-(544,76),E:LINE-(546,82),E:LINE-(545,85),E
5120 ' ｳｼﾛｶﾞﾐ ﾐｷﾞ
5130 LINE(460,100)-(462,98),E:LINE-(458,99),E:LINE-(462,96),E:LINE-(468,94),E:LI
NE-(465,94),E:LINE-(468,93),E:LINE-(482,92),E:LINE-(490,91),E:LINE-(488,92),E:LI
NE-(482,97),E:LINE(492,96)-(499,94),E
5140 LINE(469,115)-(466,117),E:LINE-(466,120),E:LINE-(469,122),E
5150 '
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5160 PSET(482,97),0:PSET(460,100),0:PSET(572,127),0:PSET(552,129),0:PSET(470,123
),0:PSET(552,80),0:PSET(545,85),0:PSET(536,61),0:PSET(536,86),0:PSET(517,116),0
6000 ' ｲﾛｱｲ (ｱﾀﾙ ,ﾌｸ)
6010 H=7
6020 LINE(106,71)-(106,68),H:LINE-(114,59),H:LINE-(118,56),H:LINE-(124,58),H:LIN
E-(128,62),H:LINE-(142,66),H
6030 LINE(94,76)-(102,76),H:LINE-(123,81),H:LINE(96,101)-(104,90),H:LINE-(108,85
),H:LINE-(113,82),H
6040 LINE(128,92)-(135,98),H:LINE-(138,98),H:LINE-(142,101),H:LINE-(160,109),H:L
INE-(166,113),H:LINE-(172,119),H:LINE-(175,125),H:LINE-(181,129),H:LINE-(192,137
),H:LINE-(200,141),H:LINE-(211,148),H
6050 LINE(175,85)-(182,85),H:LINE-(188,86),H:LINE-(202,89),H:LINE-(206,90),H:LIN
E-(206,92),H:LINE-(201,97),H:LINE-(200,100),H:LINE-(198,105),H:LINE-(196,115),H:
LINE-(196,125),H
6100 ' ｴﾙ (ｶﾐﾉｹ ﾐｷﾞｰﾏｴ)
6110 H=2
6120 LINE(264,100)-(262,102),H:LINE-(261,106),H:LINE-(261,112),H:LINE-(262,114),
H:LINE-(264,117),H:LINE-(269,122),H:LINE-(283,130),H:LINE-(290,134),H:LINE-(292,
135),H:LINE-(294,138),H
6130 LINE(264,95)-(244,89),H:LINE-(237,87),H:LINE-(229,83),H:LINE-(226,80),H:LIN
E-(220,76),H:LINE-(216,72),H:LINE-(210,64),H:LINE-(208,59),H:LINE-(208,56),H:LIN
E-(210,51),H:LINE-(213,47),H:LINE-(215,45),H
6140 LINE(215,45)-(214,49),H:LINE-(214,56),H:LINE-(216,62),H:LINE-(216,57),H:LIN
E-(220,48),H:LINE-(222,44),H:LINE-(226,40),H:LINE-(230,37),H:LINE-(235,33),H:LIN
E-(240,31),H:LINE-(238,33),H:LINE-(236,36),H:LINE-(234,44),H:LINE-(234,49),H
6150 LINE(234,49)-(236,55),H:LINE-(239,59),H:LINE-(242,62),H:LINE-(247,66),H:LIN
E-(251,69),H:LINE-(256,71),H:LINE-(252,67),H:LINE-(248,62),H:LINE-(244,55),H:LIN
E-(244,50),H:LINE-(245,45),H:LINE-(248,41),H:LINE-(257,31),H:LINE-(261,28),H
6160 LINE(261,28)-(258,35),H:LINE-(255,47),H:LINE-(254,51),H:LINE-(256,54),H:LIN
E-(260,58),H:LINE-(264,62),H:LINE-(272,68),H:LINE-(278,70),H:LINE-(276,67),H:LIN
E-(273,60),H:LINE-(270,51),H:LINE-(270,38),H:LINE-(271,34),H:LINE-(274,29),H
6170 LINE(274,29)-(276,27),H:LINE-(280,25),H:LINE-(281,30),H:LINE-(287,36),H:LIN
E-(294,42),H:LINE-(292,34),H:LINE-(290,28),H:LINE-(289,25),H:LINE-(291,22),H:LIN
E-(293,20),H:LINE-(298,24),H
6180 ' ｴﾙﾉｶﾐ  ｳｴ
6190 LINE(374,32)-(378,31),H:LINE-(392,31),H:LINE-(381,25),H:LINE-(367,19),H:LIN
E-(360,17),H:LINE-(351,15),H:LINE-(341,13),H:LINE-(360,13),H:LINE-(380,15),H:LIN
E-(400,19),H:LINE-(407,20),H
6200 LINE(407,20)-(404,16),H:LINE-(401,14),H:LINE-(397,12),H:LINE-(395,11),H:LIN
E-(398,11),H:LINE-(405,13),H:LINE-(411,15),H:LINE-(416,17),H:LINE-(422,21),H
6210 ' ﾋﾀﾞﾘ
6220 LINE(367,56)-(369,50),H:LINE-(370,49),H
6230 LINE(373,49)-(372,51),H:LINE-(374,57),H:LINE-(378,62),H:LINE-(388,71),H:LIN
E-(401,77),H:LINE-(410,80),H:LINE-(416,81),H:LINE-(422,81),H:LINE-(411,77),H:LIN
E-(407,75),H:LINE-(403,73),H:LINE-(402,72),H:LINE-(410,75),H:LINE-(418,77),H
6240 LINE(418,77)-(411,74),H:LINE-(406,71),H:LINE-(403,69),H:LINE-(399,68),H:LIN
E-(395,66),H:LINE-(392,64),H:LINE-(388,58),H:LINE-(388,51),H
6250 '
6260 LINE(384,110)-(384,104),H:LINE-(386,99),H:LINE-(394,89),H:LINE-(398,85),H:L
INE-(397,90),H:LINE-(394,95),H:LINE-(390,101),H:LINE-(390,110),H:LINE-(392,114),
H:LINE-(397,120),H:LINE-(394,113),H:LINE-(393,109),H:LINE-(393,106),H
6270 LINE(393,106)-(396,103),H:LINE-(395,106),H:LINE-(395,110),H:LINE-(394,115),
H:LINE-(400,118),H:LINE-(404,121),H:LINE-(408,125),H:LINE-(410,128),H:LINE-(412,
124),H:LINE-(412,121),H:LINE-(411,119),H:LINE-(408,116),H:LINE-(402,111),H
6280 LINE(402,111)-(400,109),H:LINE-(400,100),H:LINE-(402,93),H:LINE-(406,85),H:
LINE-(410,80),H
6290 ' ｶﾐ  ｳｼﾛ
6300 LINE(454,80)-(457,86),H:LINE-(456,89),H:LINE-(454,93),H:LINE-(446,97),H:LIN
E-(437,101),H:LINE-(431,104),H:LINE-(425,106),H
6310 LINE(456,80)-(461,81),H:LINE-(466,85),H:LINE-(468,88),H:LINE(474,88)-(478,8
4),H:LINE-(479,80),H
6320 LINE(484,89)-(484,83),H:LINE-(482,79),H:LINE-(486,82),H:LINE-(488,85),H:LIN
E-(489,89),H
6330 '
6340 LINE(440,117)-(432,124),H:LINE-(426,129),H:LINE-(420,132),H:LINE-(431,128),
H:LINE-(438,125),H:LINE-(444,121),H:LINE-(451,116),H
6350 ' ﾊﾞﾗ ﾉ ﾊﾅ
6360 H=7
6370 LINE(430,51)-(424,48),H:LINE-(419,44),H:LINE-(416,40),H:LINE-(413,37),H:LIN
E-(415,36),H:LINE-(418,36),H:LINE-(422,35),H:LINE-(430,31),H:LINE-(434,30),H
6380 LINE(471,25)-(476,23),H:LINE-(480,22),H:LINE-(488,20),H:LINE-(492,20),H:LIN
E-(492,21),H:LINE-(490,23),H:LINE-(488,26),H:LINE-(488,27),H:LINE-(490,29),H:LIN
E-(492,32),H:LINE-(491,34),H:LINE-(490,36),H:LINE-(486,39),H:LINE-(483,39),H
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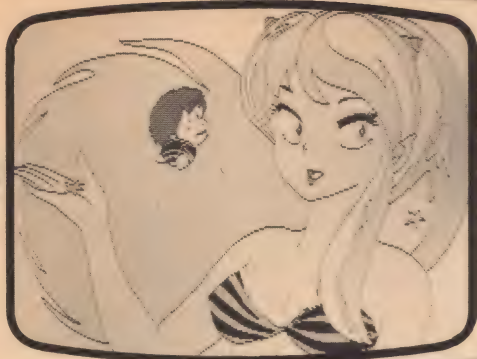
6390 LINE(510,40)-(509,42),H:LINE-(510,44),H:LINE-(514,50),H:LINE-(514,53),H:LIN
E-(509,56),H:LINE-(504,57),H
6400 LINE(484,47)-(488,53),H:LINE-(492,56),H:LINE-(493,59),H:LINE-(490,62),H:LIN
E-(480,70),H:LINE-(477,72),H
6410 LINE(467,60)-(463,65),H:LINE-(460,67),H:LINE-(450,65),H:LINE-(443,63),H:LIN
E-(435,61),H:LINE-(430,59),H
6420 LINE(478,43)-(472,47),H:LINE-(462,51),H:LINE-(452,55),H:LINE-(444,51),H:LIN
E-(441,48),H:LINE-(441,47),H:LINE-(443,45),H:LINE-(446,43),H:LINE-(446,39),H:LIN
E-(448,36),H:LINE-(452,33),H:LINE-(459,31),H
6430 ' ｶｵ ﾉ ｶｹﾞﾘ . ﾐｷﾞﾒ - ﾊﾅ - ﾋﾀﾞﾘﾒ
6440 LINE(264,100)-(266,100),H:LINE-(270,98),H:LINE-(275,96),H:LINE-(275,95),H:L
INE-(270,94),H:LINE-(264,94),H
6450 LINE(288,102)-(292,101),H:LINE-(296,99),H:LINE-(296,98),H:LINE-(294,97),H:L
INE-(290,96),H:LINE-(284,95),H:LINE-(280,94),H
6460 LINE(389,79)-(386,80),H:LINE-(376,83),H:LINE-(366,85),H:LINE-(350,88),H:LIN
E-(352,89),H:LINE-(366,90),H:LINE-(374,90),H:LINE-(384,89),H
6470 ' ｳﾅｼﾞ ﾉ ｶｹﾞﾘ
6480 LINE(380,69)-(382,73),H:LINE-(388,77),H:LINE-(390,79),H:LINE-(389,82),H:LIN
E-(386,86),H:LINE-(382,91),H:LINE-(378,97),H:LINE-(377,100),H:LINE-(377,103),H:L
INE-(378,108),H:LINE-(380,111),H:LINE-(382,118),H:LINE-(386,132),H:LINE-(385,139
),H
6490 LINE(385,139)-(380,148),H:LINE-(376,153),H:LINE-(370,158),H:LINE-(364,163),
H:LINE-(356,168),H:LINE-(346,172),H:LINE-(332,177),H:LINE-(334,179),H:LINE-(340,
180),H:LINE-(360,180),H:LINE-(375,179),H
6500 ' ｱｺﾞ ﾉ ｼﾀ
6510 LINE(321,141)-(324,139),H:LINE-(328,137),H:LINE-(338,133),H:LINE-(346,130),
H:LINE-(360,125),H:LINE-(355,126),H
6520 ' ｻｺﾂ
6530 LINE(298,170)-(305,170),H:LINE-(296,167),H:LINE-(288,165),H:LINE-(282,163),
H:LINE-(278,162),H:LINE-(278,164),H:LINE-(286,166),H:LINE-(292,168),H:LINE-(298,
170),H
6540 ' ﾜｷ
6550 LINE(215,174)-(218,170),H:LINE-(230,161),H:LINE-(236,159),H:LINE-(238,159),
H:LINE-(238,161),H:LINE-(237,163),H
6560 LINE(302,74)-(308,69),H:LINE-(310,67),H:LINE-(320,62),H:LINE(350,53)-(356,5
3),H:LINE-(361,56),H ' ﾏｴｶﾞﾐ ﾉ ｶｹﾞ
6600 ' ﾗﾑ ｳﾃﾞ ﾉ ｶｹﾞ  ﾐｷﾞ - ﾋﾀﾞﾘ
6610 LINE(442,108)-(473,102),H:LINE(420,119)-(443,114),H:LINE-(463,109),H:LINE-(
480,106),H
6620 LINE(578,134)-(570,138),H:LINE-(548,147),H:LINE-(532,154),H:LINE-(530,157),
H
6630 ' ﾐｷﾞｱｼ ﾉ ｶｹﾞﾘ
6640 LINE(362,193)-(378,185),H:LINE-(398,174),H:LINE-(420,161),H:LINE-(437,152),
H:LINE-(452,146),H
6650 ' ﾋﾀﾞﾘｱｼ ﾉ ｶｹﾞﾘ
6660 LINE(476,153)-(488,166),H:LINE-(500,180),H:LINE-(510,194),H:LINE-(506,198),
H
7000 ' ｼｭｳｾｲ
7010 ' ｱﾀﾙ
7020 PSET(106,71),0:PSET(211,148),0:PSET(174,85),0
7100 ' ｴﾙ
7110 PSET(264,100),0:PSET(264,94),0:PSET(294,138),0:PSET(298,24),0:PSET(374,32),
0:PSET(422,21),0:PSET(367,56),0:PSET(373,49),0:PSET(388,51),0:PSET(406,79),0:PSE
T(384,110),0:PSET(410,128),0:PSET(425,106),0:PSET(454,93),0
7120 LINE(454,80)-(456,80),0:PSET(468,88),0:PSET(474,88),0:PSET(484,89),0:PSET(4
89,89),0:PSET(479,80),0:PSET(482,79),0:PSET(440,117),0:PSET(280,94),0:PSET(288,1
02),0:PSET(302,74),0:PSET(380,70),0:PSET(375,178),0:PSET(237,163),0
7130 PSET(355,126),0:PSET(320,141),0:PSET(428,59),0:PSET(430,51),0:PSET(436,28),
0:PSET(467,60),0:PSET(459,31),0:PSET(483,39),0:PSET(476,72),0:PSET(504,57),0:PSE
T(510,40),0
7200 ' ﾗﾑ
7210 PSET(442,108),0:PSET(474,102),0:PSET(532,157),0:PSET(362,193),0:PSET(476,15
3),0:PSET(506,194),0:PAINT(461,144),0,0:PAINT(457,148),0,0:PAINT(460,152),0,0
8000 GOTO 8000
8010 ' ﾓｼﾞ ﾋｮｳｼﾞ
8020 PUT (10,150),KANJI(&H2426),PSET,2,1:PUT (40,150),KANJI(&H246B),PSET,2,1
8030 PUT (70,150),KANJI(&H4031),PSET,2,1:PUT (100,150),KANJI(&H2464),PSET,2,1
8040 PUT (130,150),KANJI(&H2444),PSET,2,1:PUT (160,150),KANJI(&H2469),PSET,2,1
8050 LOCATE 5,22:COLOR 3:PRINT "ｵ ﾝ ﾘ ｰ ･ ﾕ ｰ"
8060 COLOR 7
8070 GOTO 8070
```

うる星やつら ラムとテン

PC—8801/mkII

寺嶋龍彦

ラムとテンちゃんのラブ・ミー・モア!!

これも「オンリー・ユー」の作品と同じで、LINE文のかたまりのようなとても長いプログラムです。DATA文を使うことによって、もっとスッキリした小さなプログラムになるでしょう。

絵に関しては、「オンリー・ユー」のエルetcの作品とちがって、淡い中間色をフルに使った特徴ある作品に仕上がっています。とてもよくまとまった落ちついた作品なのですが、すこしメリハリにかけます。背景が淡い色なので、人物に少しでもシャドーが入ればひきしまったでしょう。あるいは、全体的にもう一段階濃い色でペイントされていれば、もっとよい作品になったと思います。

絵の描き方では、下左の写真を見てわかるように、最初に細かい部分をペイントして、後で修正しなくてすむような処理をしてあります。

これでもう少し、絵的にオリジナリティーが出てくるとよくなりますよ。

テンちゃんにしても、バックのラムちゃんの髪の色が単色なので、すぐに遠くにいるように見えてしまいます。もっとテンちゃんを大きくするか、あるいはラムちゃんの髪にシャドーを入れて、深みを出したら、グッとまとまりがあり、バランスのよいものになったのではないかと思います。

うる星やつら　ラムとテン　プログラムリスト

```
10 '************************************
20 '*                                  *
30 '*      ｳﾙｾｲ ﾔﾂﾗ  [ ﾗﾌﾞ･ﾐｰ･ﾓｱ ]       *
40 '*        1983年  9月  日            *
50 '*       by  T . Terashima           *
60 '*                                  *
70 '************************************
80 '
90 SCREEN 0,0:CONSOLE 0,25,0,1:WIDTH 80,25
100 '
110 A=0:B=0:C=0:D=0:E=0:F=0:G=0:H=0
```

リスト続く

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120 '
130 LINE(0,0)-(639,199),7,BF:LINE(135,165)-(160,178),3,BF:LINE(136,105)-(145,109
),5,BF:LINE(524,123)-(532,127),3,BF
200 ' ﾗﾑ ﾁｬﾝ  (ﾏｴｶﾞﾐ - ﾐｷﾞ)
210 LINE(408,34)-(402,40),D:LINE-(400,43),D:LINE-(399,46),D:LINE-(399,49),D:LINE
-(396,46),D:LINE-(396,38),D:LINE-(394,41),D:LINE-(388,47),D:LINE-(386,50),D:LINE
-(386,54),D:LINE-(382,53),D:LINE-(378,51),D:LINE-(372,45),D
220 LINE(372,45)-(371,43),D:LINE-(371,40),D:LINE-(372,35),D:LINE-(373,33),D
230 LINE(373,47)-(372,53),D:LINE-(372,57),D:LINE-(374,62),D:LINE-(376,66),D:LINE
-(370,63),D:LINE-(368,60),D:LINE-(366,56),D:LINE-(364,53),D
240 LINE(381,80)-(360,70),D:LINE-(352,66),D:LINE-(347,62),D:LINE-(345,58),D:LINE
-(343,55),D:LINE-(342,51),D:LINE-(342,46),D:LINE-(343,42),D:LINE-(344,40),D:LINE
-(350,31),D:LINE-(353,29),D:LINE-(357,25),D:LINE-(362,22),D:LINE-(366,19),D
250 LINE(366,19)-(374,15),D:LINE-(382,12),D:LINE-(386,10),D:LINE-(390,9),D:LINE-
(398,7),D:LINE-(406,6),D:LINE-(420,6),D:LINE-(424,7),D:LINE-(427,8),D:LINE-(430,
10),D
260 ' ﾏｴｶﾞﾐ - ﾋﾀﾞﾘ
270 LINE(472,52)-(460,50),D:LINE-(447,48),D:LINE-(438,46),D:LINE-(435,45),D:LINE
-(430,43),D:LINE-(426,41),D:LINE-(424,38),D:LINE-(424,42),D:LINE-(426,45),D:LINE
-(430,49),D:LINE-(434,52),D:LINE-(439,56),D:LINE-(444,58),D:LINE-(438,58),D
280 LINE(438,58)-(430,57),D:LINE-(426,56),D:LINE-(418,52),D:LINE-(414,49),D:LINE
-(410,45),D:LINE-(409,42),D:LINE-(408,40),D:LINE-(407,36),D:LINE-(408,32),D:LINE
-(409,28),D:LINE-(413,22),D:LINE-(416,19),D:LINE-(418,17),D:LINE-(422,14),D
290 LINE(422,14)-(430,10),D:LINE-(436,8),D:LINE-(444,6),D:LINE-(450,5),D:LINE-(4
70,5),D:LINE-(478,6),D:LINE-(486,7),D:LINE-(491,8),D:LINE-(497,10),D:LINE-(502,1
1),D:LINE-(514,15),D:LINE-(517,17),D:LINE-(521,19),D:LINE-(525,21),D
300 LINE(525,21)-(533,27),D:LINE-(537,31),D:LINE-(538,33),D:LINE-(541,36),D:LINE
-(542,39),D:LINE-(544,44),D:LINE-(546,49),D:LINE-(547,53),D:LINE-(547,57),D:LINE
-(546,65),D:LINE-(544,69),D:LINE-(540,75),D
310 LINE(466,47)-(470,51),D:LINE-(472,52),D:LINE-(475,53),D:LINE-(480,55),D:LINE
-(486,57),D:LINE-(491,60),D:LINE-(494,62),D:LINE-(498,65),D:LINE-(501,67),D:LINE
-(504,70),D:LINE-(507,74).D:LINE-(511,79),D:LINE-(514,83),D
320 ' ｶｵ ﾉ ﾘﾝｶｸ
330 LINE(375,66)-(376,68),G:LINE-(378,70),G:LINE-(380,73),G:LINE-(382,77),G:LINE
-(382,80),G:LINE-(381,82),G:LINE-(380,87),G:LINE-(381,89),G:LINE-(382,91),G:LINE
-(384,94),G:LINE-(386,96),G:LINE-(389,98),G:LINE-(392,100),G:LINE-(412,110),G
340 LINE(412,110)-(415,111),G:LINE-(420,112),G:LINE-(424,112),G:LINE-(430,111),G
:LINE-(446,109),G:LINE-(456,107),G:LINE-(467,105),G:LINE-(475,103),G
350 ' ｸﾋﾞ
360 LINE(420,112)-(422,114),G:LINE-(421,118),G:LINE-(420,120),G:LINE-(418,124),G
:LINE-(417,126),G:LINE-(414,130),G:LINE-(410,134),G:LINE-(406,136),G
370 ' ﾐﾐ
380 LINE(514,84)-(516,83),G:LINE-(517,82),G:LINE-(522,80),G:LINE-(528,78),G:LINE
-(534,76),G:LINE-(540,75),G:LINE-(542,76),G:LINE-(540,77),G:LINE-(537,79),G:LINE
-(536,81),G:LINE-(536,84),G:LINE-(530,90),G:LINE-(527,92),G:LINE-(524,94),G
390 LINE(524,94)-(519,96),G:LINE-(515,97),G
400 ' ｶﾐﾉｹ ﾋﾀﾞﾘ
410 LINE(507,74)-(507,78),D:LINE-(506,81),D:LINE-(504,84),D:LINE-(500,92),D:LINE
-(496,96),D:LINE-(494,98),D:LINE-(490,101),D:LINE-(480,108),D:LINE-(475,112),D:L
INE-(466,118),D:LINE-(462,120),D:LINE-(446,132),D:LINE-(440,137),D
420 LINE(440,137)-(436,141),D:LINE-(434,144),D:LINE-(432,146),D:LINE-(430,149),D
:LINE-(429,153),D:LINE-(428,156),D:LINE-(428,161),D:LINE-(429,164),D:LINE-(429,1
60),D:LINE-(430,157),D:LINE-(432,153),D:LINE-(434,151),D:LINE-(432,154),D
430 LINE(432,154)-(432,164),D:LINE-(434,168),D:LINE-(436,171),D:LINE-(442,177),D
:LINE-(445,179),D:LINE-(449,181),D:LINE-(453,183),D:LINE-(458,185),D:LINE-(466,1
87),D:LINE-(476,189),D:LINE-(479,189),D:LINE-(480,188),D:LINE-(482,189),D
440 LINE(482,189)-(488,190),D:LINE-(490,189),D:LINE-(488,187),D:LINE-(484,184),D
:LINE-(489,185),D:LINE-(486,183),D:LINE-(482,180),D:LINE-(478,174),D:LINE-(477,1
72),D:LINE-(477,165),D:LINE-(478,161),D:LINE-(480,155),D:LINE-(482,151),D
450 LINE(482,151)-(488,142),D:LINE-(490,138),D:LINE-(492,135),D:LINE-(496,131),D
:LINE-(504,121),D:LINE-(508,117),D:LINE-(510,113),D:LINE-(512,109),D:LINE-(514,1
00),D:LINE-(515,97),D:LINE-(515,92),D:LINE-(514,89),D:LINE-(514,83),D
460 'ﾂﾉ  ﾐｷﾞ - ﾋﾀﾞﾘ
470 LINE(370,17)-(370,10),F:LINE-(372,9),F:LINE-(377,9),F:LINE-(386,10),F
480 LINE(524,21)-(544,22),F:LINE-(550,23),F:LINE-(550,24),F:LINE-(546,30),F:LINE
-(541,36),F
490 ' ｶﾐﾉｹ ｳｼﾛ
500 LINE(427,8)-(434,6),D:LINE-(440,5),D:LINE-(450,4),D:LINE-(458,3),D:LINE-(484
,3),D:LINE-(500,5),D:LINE-(516,7),D:LINE-(528,10),D:LINE-(536,12),D:LINE-(546,15
),D:LINE-(552,18),D:LINE-(558,20),D:LINE-(562,23),D:LINE-(569,26),D
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510 LINE(569,26)-(572,28),D:LINE-(576,31),D:LINE-(580,34),D:LINE-(584,38),D:LINE
-(588,42),D:LINE-(590,45),D:LINE-(592,49),D:LINE-(594,51),D:LINE-(596,55),D:LINE
-(600,65),D:LINE-(602,75),D:LINE-(604,83),D:LINE-(604,93),D:LINE-(600,109),D
520 LINE(600,109)-(598,114),D:LINE-(596,118),D:LINE-(592,123),D:LINE-(590,126),D
:LINE-(586,129),D:LINE-(580,134),D:LINE-(576,137),D:LINE-(572,139),D:LINE-(567,1
42),D:LINE-(564,144),D:LINE-(556,148),D:LINE-(550,150),D
530 ' ﾋﾀﾞﾘ ｶﾀ
540 LINE(495,132)-(496,133),G:LINE-(498,134),G:LINE-(504,135),G:LINE-(512,136),G
:LINE-(518,137),G:LINE-(523,138),G:LINE-(526,139),G:LINE-(530,140),G:LINE-(533,1
41),G:LINE-(538,143),G:LINE-(546,147),G:LINE-(550,150),G:LINE-(554,154),G
550 LINE(554,154)-(556,158),G:LINE-(557,161),G:LINE-(557,165),G:LINE-(556,168),G
:LINE-(554,175),G:LINE-(552,178),G:LINE-(550,182),G:LINE-(542,194),G:LINE-(538,1
99),G
560 ' ﾋﾀﾞﾘ ｳﾃﾞ
570 LINE(484,199)-(486,198),G:LINE-(489,195),G:LINE-(492,192),G:LINE-(494,189),G
580 ' ﾑﾈ  ﾐｷﾞ
590 LINE(353,140)-(353,142),G:LINE-(350,145),G:LINE-(344,147),G:LINE-(339,149),G
:LINE-(334,150),G:LINE-(326,152),F:LINE-(320,155),F:LINE-(314,157),F:LINE-(306,1
61),F:LINE-(303,163),F:LINE-(304,165),F:LINE-(307,174),F:LINE-(308,176),F
600 LINE(308,176)-(312,180),F:LINE-(314,182),F:LINE-(320,185),F:LINE-(324,186),F
:LINE-(330,188),F:LINE-(338,189),F:LINE-(350,188),F:LINE-(358,187),F:LINE-(367,1
85),F:LINE-(363,187),F:LINE-(370,186),F:LINE-(376,185),F
610 LINE(376,185)-(384,183),F:LINE-(388,182),F:LINE-(392,182),F
620 ' ﾑﾈ  ﾋﾀﾞﾘ
630 LINE(400,160)-(398,162),G:LINE-(394,165),G:LINE-(391,169),G:LINE-(390,171),G
:LINE-(389,175),G:LINE-(390,180),G:LINE-(394,184),F:LINE-(397,186),F:LINE-(400,1
88),F:LINE-(405,190),F:LINE-(410,192),F:LINE-(416,194),F:LINE-(424,196),F
640 LINE(424,196)-(436,197),F:LINE-(462,197),F:LINE-(474,195),F:LINE-(484,193),F
:LINE-(490,191),F:LINE-(494,189),F:LINE-(496,186),F:LINE-(498,183),G:LINE-(500,1
79),G:LINE-(501,176),G
650 ' ﾌﾞﾗ
660 LINE(339,149)-(340,150),F:LINE-(348,162),F:LINE-(350,164),F:LINE-(350,161),F
:LINE-(353,165),F:LINE-(356,168),F:LINE-(368,175),F:LINE-(366,172),F:LINE-(368,1
73),F:LINE-(372,175),F:LINE-(375,177),F:LINE-(380,179),F:LINE-(385,180),F
670 LINE(385,180)-(392,180),F:LINE-(395,179),F:LINE-(398,177),F:LINE-(410,171),F
:LINE-(413,170),F:LINE-(418,169),F:LINE-(411,173),F:LINE-(416,171),F:LINE-(422,1
69),F:LINE-(433,167),F
680 LINE(477,170)-(483,172),F:LINE-(487,174),F:LINE-(490,176),F:LINE-(492,178),F
:LINE-(493,180),F:LINE-(488,179),F:LINE-(491,180),F:LINE-(494,182),F:LINE-(496,1
85),F:LINE-(496,186),F
690 ' ﾄﾞｳ  ﾄ  ﾐｿﾞｵﾁ
700 LINE(331,188)-(329,191),G:LINE-(329,193),G:LINE-(330,195),G:LINE-(331,199),G
:LINE(386,190)-(384,192),G:LINE-(382,195),G:LINE-(380,199),G
710 ' ﾐｷﾞｳﾃﾞ  ｼﾀ
720 LINE(320,185)-(280,199),G
730 ' ﾐｷﾞｳﾃﾞ  (ｶﾀ - ｼﾞｮｳﾜﾝ ﾌﾞ)
740 LINE(417,126)-(414,127),G:LINE-(408,128),G:LINE-(402,128),G:LINE-(396,127),G
:LINE-(390,126),G:LINE-(372,126),G:LINE-(365,127),G:LINE-(354,129),G:LINE-(346,1
31),G:LINE-(342,132),G:LINE-(330,136),G:LINE-(318,142),G:LINE-(315,144),G
750 LINE(315,144)-(310,146),G:LINE-(300,152),G:LINE-(297,154),G:LINE-(285,160),G
:LINE-(280,162),G:LINE-(264,170),G:LINE-(258,172),G:LINE-(252,175),G:LINE-(247,1
77),G:LINE-(243,179),G
760 ' ｳﾃﾞ - ﾃﾉﾋﾗ
770 LINE(246,184)-(244,181),G:LINE-(243,179),G:LINE-(240,176),G:LINE-(236,173),G
:LINE-(231,169),G:LINE-(227,166),G:LINE-(224,164),G:LINE-(220,161),G:LINE-(214,1
57),G:LINE-(210,153),G:LINE-(206,149),G:LINE-(200,143),G:LINE-(198,140),G
780 LINE(198,140)-(195,135),G:LINE-(193,131),G:LINE-(191,126),G:LINE-(189,121),G
:LINE-(189,112),G:LINE-(188,110),G:LINE-(186,107),G:LINE-(178,101),G:LINE-(174,9
7),G:LINE-(170,94),G:LINE-(166,90),G:LINE-(164,87),G:LINE-(162,85),G
790 LINE(162,85)-(158,83),G:LINE-(157,83),G:LINE-(156,84),G:LINE-(155,86),G:LINE
-(156,91),G:LINE-(160,95),G:LINE-(164,99),G:LINE-(164,101),G:LINE-(162,102),G:LI
NE-(156,102),G
800 LINE(152,101)-(149,100),G:LINE-(142,98),G:LINE-(137,97),G:LINE-(129,95),G:LI
NE-(121,93),G:LINE-(114,92),G:LINE-(106,91),G:LINE-(99,90),G:LINE-(92,91),G:LINE
-(90,92),G
810 ' ｺﾋﾞ
820 LINE(134,101)-(131,100),G:LINE-(128,99),G:LINE-(120,97),G:LINE-(112,95),G:LI
NE-(102,93),G:LINE-(95,92),G:LINE-(80,92),G:LINE-(77,93),G
830 LINE(127,103)-(121,101),G:LINE-(115,99),G:LINE-(106,97),G:LINE-(100,95),G:LI
NE-(92,94),G:LINE-(82,93),G:LINE-(76,93),G:LINE-(76,94),G:LINE-(79,95),G:LINE-(8
5,96),G:LINE-(90,97),G:LINE-(95,98),G:LINE-(99,99),G:LINE-(105,101),G
840 LINE(105,101)-(110,103),G:LINE-(114,105),G
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リスト続く

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850 ' ｺｺﾋﾞ - ﾃﾉｺｳ - ｳﾃﾞ
860 LINE(170,113)-(168,112),G:LINE-(164,110),G:LINE-(158,108),G:LINE-(154,107),G
870 LINE(138,107)-(126,106),G:LINE-(114,105),G:LINE-(106,104),G:LINE-(100,102),G
:LINE-(94,100),G:LINE-(92,100),G:LINE-(92,101),G:LINE-(95,103),G:LINE-(98,105),G
:LINE-(103,107),G:LINE-(106,108),G:LINE-(118,111),G:LINE-(125,113),G
880 LINE(125,113)-(130,114),G:LINE-(136,117),G:LINE-(141,119),G:LINE-(146,121),G
:LINE-(151,123),G:LINE-(154,124),G:LINE-(157,126),G:LINE-(160,128),G:LINE-(161,1
30),G:LINE-(162,135),G:LINE-(164,139),G:LINE-(168,150),G
890 LINE(168,150)-(170,156),G:LINE-(172,160),G:LINE-(176,170),G:LINE-(182,180),G
:LINE-(186,186),G:LINE-(190,190),G:LINE-(202,199),G
900 ' ﾃﾉﾋﾗ ﾉ ﾎｼ
910 LINE(156,99)-(150,102),E:LINE-(140,101),E:LINE-(144,104),E:LINE-(138,107),E:
LINE-(148,106),E:LINE-(153,109),E:LINE-(153,105),E:LINE-(162,105),E:LINE-(156,10
3),E:LINE-(156,99),E
920 ' ｶﾐﾉｹ  ｳｼﾛｶﾞﾜ ﾐｷﾞｳｴ
930 LINE(343,42)-(338,40),D:LINE-(330,37),D:LINE-(320,33),D:LINE-(312,30),D:LINE
-(302,27),D:LINE-(292,25),D:LINE-(281,23),D:LINE-(270,22),D:LINE-(258,21),D:LINE
-(234,21),D:LINE-(220,22),D:LINE-(204,22),D:LINE-(200,21),D:LINE-(204,23),D
940 LINE(204,23)-(208,24),D:LINE-(222,25),D:LINE-(242,26),D:LINE-(250,27),D:LINE
-(257,28),D:LINE-(264,30),D:LINE-(270,32),D:LINE-(275,34),D:LINE-(279,36),D:LINE
-(283,38),D:LINE-(288,41),D:LINE-(294,44),D:LINE-(300,47),D:LINE-(306,50),D
950 LINE(306,50)-(300,48),D:LINE-(290,45),D:LINE-(270,37),D:LINE-(260,35),D:LINE
-(253,33),D:LINE-(246,32),D:LINE-(240,31),D:LINE-(227,30),D:LINE-(218,29),D:LINE
-(202,29),D:LINE-(190,30),D:LINE-(180,31),D:LINE-(163,33),D:LINE-(156,34),D
960 LINE(156,34)-(148,36),D:LINE-(142,38),D:LINE-(136,40),D:LINE-(132,42),D:LINE
-(129,44),D:LINE-(126,46),D:LINE-(131,45),D:LINE-(140,42),D:LINE-(148,40),D:LINE
-(153,39),D:LINE-(160,38),D:LINE-(166,38),D:LINE-(172,39),D:LINE-(174,40),D
970 LINE(174,40)-(172,41),D:LINE-(168,42),D:LINE-(158,44),D:LINE-(150,45),D:LINE
-(144,46),D:LINE-(126,50),D:LINE-(120,52),D:LINE-(116,53),D:LINE-(110,55),D:LINE
-(105,58),D:LINE-(102,60),D:LINE-(94,66),D:LINE-(92,69),D:LINE-(90,73),D
980 LINE(90,73)-(88,79),D:LINE-(92,75),D:LINE-(98,70),D:LINE-(104,67),D:LINE-(11
0,64),D:LINE-(120,61),D:LINE-(114,64),D:LINE-(108,67),D:LINE-(100,73),D:LINE-(96
,77),D:LINE-(92,85),D:LINE-(91,91),D
990 ' ｶﾐﾉｹ  ｳｼﾛｶﾞﾜ ﾐｷﾞｼﾀ
1000 LINE(90,97)-(90,112),D:LINE-(92,121),D:LINE-(94,126),D:LINE-(96,130),D:LINE
-(100,134),D:LINE-(104,138),D:LINE-(110,143),D:LINE-(118,149),D:LINE-(112,147),D
:LINE-(108,145),D:LINE-(100,139),D:LINE-(96,135),D:LINE-(93,132),D
1010 LINE(93,132)-(88,127),D:LINE-(90,132),D:LINE-(92,136),D:LINE-(96,140),D:LIN
E-(100,145),D:LINE-(105,150),D:LINE-(110,154),D:LINE-(116,158),D:LINE-(123,162),
D:LINE-(128,165),D:LINE-(135,169),D:LINE-(140,172),D:LINE-(146,174),D
1020 LINE(146,174)-(156,177),D:LINE-(148,176),D:LINE-(142,174),D:LINE-(136,172),
D:LINE-(128,169),D:LINE-(121,166),D:LINE-(116,163),D:LINE-(112,162),D:LINE-(114,
164),D:LINE-(118,167),D:LINE-(124,170),D:LINE-(130,174),D:LINE-(135,176),D
1030 LINE(135,176)-(140,178),D:LINE-(146,180),D:LINE-(160,184),D:LINE-(170,186),
D:LINE-(176,187),D:LINE-(184,188),D:LINE-(188,188),D
1040 ' ｶﾐ ﾉ ﾓﾖｳ  ﾐｷﾞﾏｴｶﾞﾐ
1050 LINE(380,75)-(372,70),E:LINE-(368,67),E:LINE-(364,64),E:LINE-(360,60),E:LIN
E-(357,58),E:LINE-(356,55),E:LINE-(354,50),E:LINE-(354,45),E:LINE-(358,37),E:LIN
E-(362,33),E:LINE-(360,37),E:LINE-(359,40),E:LINE-(360,45),E:LINE-(361,41),E
1060 LINE(361,41)-(364,37),E:LINE-(368,31),E:LINE-(380,22),E:LINE-(390,18),E:LIN
E-(399,15),E:LINE-(406,13),E:LINE-(412,11),E:LINE-(415,9),E:LINE-(415,8),E:LINE-
(411,7),E:LINE-(406,8),E:LINE-(396,10),E:LINE-(390,12),E:LINE-(386,14),E
1070 LINE(386,14)-(382,16),E:LINE-(390,14),E:LINE-(394,13),E:LINE-(398,13),E:LIN
E-(397,14),E:LINE-(392,16),E:LINE-(384,18),E:LINE-(376,21),E:LINE-(372,23),E:LIN
E-(372,21),E:LINE-(377,18),E:LINE-(371,20),E:LINE-(366,23),E:LINE-(360,29),E
1080 LINE(360,29)-(356,31),E:LINE-(353,34),E:LINE-(349,40),E:LINE-(348,43),E:LIN
E-(348,49),E:LINE-(350,52),E:LINE-(351,55),E:LINE-(354,59),E:LINE-(356,62),E:LIN
E-(360,65),E:LINE-(368,71),E:LINE-(376,75),E:LINE-(382,78),E
1090 ' ｶﾐ ﾉ ﾓﾖｳ  ﾋﾀﾞﾘﾏｴｶﾞﾐ
1100 LINE(534,76)-(538,70),E:LINE-(540,65),E:LINE-(540,60),E:LINE-(536,50),E:LIN
E-(534,46),E:LINE-(531,41),E:LINE-(528,36),E:LINE-(524,32),E:LINE-(520,29),E:LIN
E-(515,25),E:LINE-(510,22),E:LINE-(506,19),E:LINE-(498,15),E:LINE-(493,13),E
1110 LINE(493,13)-(488,11),E:LINE-(483,9),E:LINE-(478,8),E:LINE-(470,7),E:LINE-(
456,7),E:LINE-(450,8),E:LINE-(442,10),E:LINE-(438,12),E:LINE-(436,15),E:LINE-(43
8,19),E:LINE-(440,22),E:LINE-(443,25),E:LINE-(451,29),E:LINE-(454,30),E
1120 LINE(454,30)-(460,32),E:LINE-(464,33),E:LINE-(470,34),E:LINE-(476,35),E:LIN
E-(480,36),E:LINE-(492,40),E:LINE-(500,44),E:LINE-(504,47),E:LINE-(506,49),E:LIN
E-(507,51),E:LINE-(507,48),E:LINE-(506,45),E:LINE-(502,37),E:LINE-(500,34),E
1130 LINE(500,34)-(497,32),E:LINE-(504,36),E:LINE-(512,42),E:LINE-(515,45),E:LIN
E-(519,51),E:LINE-(520,54),E:LINE-(524,61),E:LINE-(525,65),E:LINE-(525,71),E:LIN
E-(524,77),E:LINE-(522,80),E
1140 ' ｶﾐ ﾉ ﾓﾖｳ ﾋﾀﾞﾘ
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1150 LINE(511,79)-(508,90),E:LINE-(506,95),E:LINE-(502,102),E:LINE-(500,105),E:L
INE-(496,110),E:LINE-(494,114),E:LINE-(486,122),E:LINE-(484,124),E:LINE-(483,122
),E:LINE-(484,120),E:LINE-(486,115),E:LINE-(488,113),E:LINE-(491,111),E
1160 LINE(491,111)-(492,109),E:LINE-(490,110),E:LINE-(486,113),E:LINE-(482,116),
E:LINE-(480,118),E:LINE-(476,124),E:LINE-(474,126),E:LINE-(469,130),E:LINE-(470,
131),E:LINE-(476,127),E:LINE-(480,125),E:LINE-(480,126),E:LINE-(476,130),E
1170 LINE(476,130)-(470,136),E:LINE-(466,140),E:LINE-(464,142),E:LINE-(462,140),
E:LINE-(458,144),E:LINE-(456,147),E:LINE-(454,154),E:LINE-(455,157),E:LINE-(456,
163),E:LINE-(454,161),E:LINE-(452,157),E:LINE-(450,151),E:LINE-(448,153),E
1180 LINE(448,153)-(450,160),E:LINE-(452,166),E:LINE-(455,170),E:LINE-(458,175),
E:LINE-(465,182),E:LINE-(467,183),E:LINE-(460,174),E:LINE-(459,171),E:LINE-(458,
169),E:LINE-(460,165),E:LINE-(460,169),E:LINE-(464,175),E
1190 LINE(464,175)-(468,179),E:LINE-(474,184),E:LINE-(480,189),E
1200 ' ｶﾐ ﾉ ﾓﾖｳ  ｳｼﾛ
1210 LINE(490,8)-(498,9),E:LINE-(508,11),E:LINE-(514,12),E:LINE-(518,13),E:LINE-
(530,17),E:LINE-(535,19),E:LINE-(541,22),E
1220 LINE(548,27)-(556,33),E:LINE-(559,36),E:LINE-(564,40),E:LINE-(568,48),E:LIN
E-(570,51),E:LINE-(571,60),E:LINE-(570,65),E:LINE-(568,67),E:LINE-(567,65),E:LIN
E-(564,62),E:LINE-(564,70),E:LINE-(562,74),E:LINE-(560,77),E:LINE-(558,79),E
1230 LINE(558,79)-(556,76),E:LINE-(552,80),E:LINE-(550,84),E:LINE-(544,90),E:LIN
E-(541,92),E:LINE-(538,94),E:LINE-(536,92),E:LINE-(533,95),E:LINE-(532,93),E:LIN
E-(530,96),E:LINE-(523,101),E:LINE-(520,103),E:LINE-(514,105),E
1240 '
1250 LINE(578,99)-(579,92),E:LINE-(578,89),E:LINE-(579,78),E:LINE-(578,75),E:LIN
E-(574,70),E:LINE-(572,69),E:LINE-(570,70),E:LINE-(566,76),E:LINE-(563,79),E:LIN
E-(561,81),E:LINE-(559,80),E:LINE-(554,85),E:LINE-(552,88),E:LINE-(552,90),E
1260 LINE(552,90)-(554,90),E:LINE-(558,88),E:LINE-(563,86),E:LINE-(564,94),E:LIN
E-(566,94),E:LINE-(570,90),E:LINE-(571,88),E:LINE-(572,90),E:LINE-(574,94),E:LIN
E-(576,99),E:LINE-(578,99),E
1270 '
1280 LINE(533,141)-(540,137),E:LINE-(544,135),E:LINE-(552,129),E:LINE-(554,126),
E:LINE-(558,122),E:LINE-(561,119),E:LINE-(562,115),E:LINE-(560,110),E:LINE-(557,
113),E:LINE-(555,113),E:LINE-(556,108),E:LINE-(556,96),E:LINE-(552,96),E
1290 LINE(552,96)-(536,104),E:LINE-(534,106),E:LINE-(532,105),E:LINE-(527,108),E
:LINE-(524,110),E:LINE-(522,109),E:LINE-(514,113),E:LINE-(510,114),E
1300 ' ｶﾐﾉｹ ﾉ ﾅｶ ﾉ ﾎｼ
1310 LINE(544,117)-(538,120),C:LINE-(531,118),C:LINE-(534,122),C:LINE-(527,125),
C:LINE-(538,124),C:LINE-(541,128),C:LINE-(543,123),C:LINE-(550,123),C:LINE-(544,
121),C:LINE-(544,117),C
1400 ' ﾃﾝ ﾁｬﾝ  [ ｶﾐﾉｹ ]
1410 LINE(298,64)-(302,60),D:LINE-(302,57),D:LINE-(298,53),D:LINE-(294,52),D:LIN
E-(296,52),D:LINE-(300,53),D:LINE-(298,51),D:LINE-(295,50),D:LINE-(290,49),D:LIN
E-(278,49),D:LINE-(282,48),D:LINE-(276,48),D:LINE-(270,49),D:LINE-(262,51),D
1420 LINE(262,51)-(265,49),D:LINE-(260,50),D:LINE-(248,54),D:LINE-(240,60),D:LIN
E-(237,63),D:LINE-(237,67),D:LINE-(238,70),D:LINE-(240,72),D:LINE(238,69)-(236,7
0),D:LINE-(236,72),D:LINE-(239,73),D
1430 LINE(242,75)-(241,77),D:LINE-(243,79),D:LINE-(246,80),D:LINE-(244,78),D:LIN
E-(244,77),D:LINE-(247,79),D:LINE-(252,81),D
1440 LINE(240,73)-(238,75),F:LINE-(242,75),F:LINE-(240,73),F' ﾂ ﾉ
1450 ' ﾏｴｶﾞﾐ
1460 LINE(299,59)-(298,60),D:LINE-(297,59),D:LINE-(298,56),D:LINE-(294,60),D:LIN
E-(292,55),D:LINE(290,55)-(292,57),D:LINE-(291,58),D:LINE(288,56)-(288,58),D:LIN
E-(287,60),D:LINE-(282,63),D:LINE(282,56)-(284,59),D:LINE-(282,61),D
1470 LINE(272,58)-(275,60),D:LINE-(275,63),D:LINE-(274,65),D:LINE-(270,67),D:LIN
E(269,61)-(270,63),D:LINE-(270,69),D:LINE-(268,71),D:LINE(266,66)-(268,68),D:LIN
E-(268,73),D:LINE-(270,76),D
1480 ' ﾐ ﾐ
1490 LINE(270,76)-(266,74),G:LINE-(262,74),G:LINE-(258,75),G:LINE-(262,77),G
1500 ' ｶ ｵ
1510 LINE(298,60)-(298,65),G:LINE-(300,66),G:LINE-(303,67),G:LINE-(304,68),G:LIN
E-(304,69),G:LINE-(302,71),G:LINE-(298,73),G
1520 ' ｳ ﾃﾞ
1530 LINE(289,75)-(292,74),G:LINE-(296,74),G:LINE-(300,73),G:LINE-(302,72),G:LIN
E-(302,73),G:LINE-(304,74),G:LINE-(302,75),G:LINE-(304,75),G:LINE-(296,79),G:LIN
E-(292,80),G:LINE-(290,82),G
1540 ' ﾊﾟﾝﾂ
1550 LINE(290,82)-(288,81),F:LINE-(285,79),F:LINE-(280,78),F:LINE-(274,77),F:LIN
E-(268,76),F:LINE-(262,77),F:LINE-(258,78),F:LINE-(255,79),F:LINE-(252,81),F:LIN
E-(250,83),F:LINE-(250,85),F:LINE-(252,87),F:LINE-(255,89),F:LINE-(260,91),F
1560 LINE(260,91)-(264,92),F:LINE-(268,92),F:LINE(280,92)-(285,90),F:LINE-(288,8
8),F:LINE-(290,86),F:LINE-(290,82),F
1570 ' ﾐｷﾞｱｼ
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1580 LINE(280,92)-(281,89),G:LINE-(280,87),G:LINE-(276,85),G:LINE-(274,85),G:LIN
E-(270,86),G:LINE-(268,87),G:LINE-(267,88),G:LINE-(267,90),G:LINE-(268,92),G:LIN
E-(270,94),G:LINE-(272,94),G:LINE-(280,92),G
1590 ' ﾋﾀﾞﾘｱｼ
1600 LINE(250,84)-(246,86),G:LINE-(244,89),G:LINE-(247,90),G:LINE-(257,90),G
1610 ' ﾒ ﾉ ﾘﾝｶｸ ｢ﾋﾀﾞﾘｰﾐｷﾞ｣
1620 LINE(294,60)-(291,58),G:LINE-(290,58),G:LINE-(288,59),G:LINE-(289,61),G:LIN
E(293,66)-(296,65),G:LINE-(298,64),G:LINE(283,64)-(279,61),G:LINE-(277,60),G:LIN
E-(275,60),G:LINE(273,66)-(275,71),G:LINE(279,72)-(285,70),G
1700 ' ﾍﾟｲﾝﾄ ﾊﾟﾀｰﾝ
1710 A=1:B=2:C=3:D=4:E=5:F=6:G=7:H=0
1720 TILE$=CHR$(&HFF)+CHR$(&HFF)+CHR$(&HAA)
1730 TILE1$=CHR$(&HAA)+CHR$(&HFF)+CHR$(&HFF)
1740 TILE2$=CHR$(&HAA)+CHR$(&H55)+CHR$(&HFF)
1750 TILE3$=CHR$(&HFF)+CHR$(&HAA)+CHR$(&HFF)
1800 ' ﾍﾟｲﾝﾄ
1810 PAINT(20,100),TILE$,H:PAINT(320,195),TILE$,H
1820 ' ﾗ ﾑ
1830 PAINT(440,80),TILE1$,H:PAINT(400,195),TILE1$,H:PAINT(520,160),TILE1$,H:PAIN
T(520,90),TILE1$,H:PAINT(135,104),TILE1$,H:PAINT(440,35),TILE2$,H:PAINT(400,30),
TILE2$,H:PAINT(360,25),TILE2$,H:PAINT(540,50),TILE2$,H:PAINT(580,50),TILE2$,H
1840 PAINT(200,100),TILE2$,H:PAINT(470,150),TILE2$,H:PAINT(460,20),TILE3$,H:PAIN
T(400,12),TILE3$,H:PAINT(365,30),TILE3$,H:PAINT(440,150),TILE3$,H:PAINT(530,20),
TILE3$,H:PAINT(560,50),TILE3$,H:PAINT(570,80),TILE3$,H:PAINT(520,120),TILE3$,H
1850 PAINT(140,140),TILE2$,H:PAINT(375,12),F,H:PAINT(540,25),F,H:PAINT(340,170),
F,H:PAINT(420,180),F,H:PAINT(485,177),F,H:PAINT(150,104),E,H:PAINT(540,122),C,H:
PAINT(432,8),TILE2$,0
1900 ' ﾃﾝ ﾁｬﾝ
1910 PAINT(260,60),D,H:PAINT(260,85),F,H:PAINT(290,70),TILE1$,H:PAINT(264,75),TI
LE1$,H:PAINT(275,90),TILE1$,H:PAINT(250,89),TILE1$,H:PAINT(239,72),D,H:PAINT(240
,74),F,H
2000 ' ﾐﾐ [ﾗﾑ]
2010 LINE(515,92)-(520,90),H:LINE-(526,86),H:LINE-(528,84),H:LINE-(528,82),H:LIN
E-(524,81),H:LINE-(522,83),H:LINE(522,88)-(520,87),H:LINE-(516,88),H:LINE-(514,8
9),H
2020 ' ﾂﾉ ﾉ ﾓﾖｳ ﾋﾀﾞﾘｰﾐｷﾞ
2030 LINE(537,22)-(537,25),H:LINE-(539,28),H:LINE-(544,30),H:LINE-(546,30),H:LIN
E(544,22)-(544,26),H:LINE-(547,28),H:LINE(370,15)-(376,12),H:LINE-(382,10),H:LIN
E(370,12)-(374,10),H:LINE-(377,9),H
2040 ' ｢ｶｵ｣ ﾏﾕｹﾞ ﾋﾀﾞﾘｰﾐｷﾞ
2050 LINE(454,58)-(460,56),H:LINE-(468,55),H:LINE-(478,55),H:LINE-(460,55),H:LIN
E-(454,57),H:LINE(402,51)-(398,49),H:LINE-(394,48),H:LINE-(388,48),H:LINE-(400,5
1),H:LINE-(402,52),H
2060 ' ﾋﾀﾞﾘ ﾒ
2070 LINE(456,81)-(460,82),H:LINE-(466,83),H:LINE-(474,83),H:LINE-(480,82),H:LIN
E-(483,81),H:LINE-(485,80),H:LINE-(488,78),H:LINE-(492,78),H:LINE(490,80)-(487,7
9),H
2080 LINE(455,72)-(460,70),H:LINE-(464,69),H:LINE-(470,68),H:LINE-(476,67),H:LIN
E-(480,67),H:LINE-(486,68),H:LINE-(490,69),H:LINE-(493,70),H:LINE-(494,68),H:LIN
E-(492,66),H:LINE-(490,65),H:LINE-(482,64),H:LINE-(474,64),H:LINE-(466,65),H
2090 LINE(466,65)-(460,66),H:LINE-(452,68),H:LINE-(455,72),H:PAINT(460,68),H,H:L
INE(454,65)-(460,64),A:LINE-(466,63),A:LINE-(480,63),A:LINE-(490,64),A
2100 LINE(455,72)-(456,81),H:LINE(488,78)-(493,70),H:PAINT(480,73),G,H:LINE(455,
72)-(456,81),G:LINE(488,78)-(493,70),G:PSET(455,72),H:PSET(456,81),H:PSET(488,78
),H:PSET(493,70),H
2110 LINE(476,67)-(473,69),E:LINE-(472,71),E:LINE-(472,75),E:LINE-(474,77),E:LIN
E-(478,79),E:LINE-(480,79),E:LINE-(484,78),E:LINE-(486,75),E:LINE-(487,73),E:LIN
E-(487,71),E:LINE-(486,69),E:LINE-(484,68),E:LINE-(480,67),E:LINE-(476,67),E
2120 PAINT(480,73),E,E:CIRCLE(480,73),3,H,,,.5/.45:PAINT(482,73),H,H:CIRCLE(477,
70),2,G,,,.5/.45:PAINT(477,70),G,G:PSET(480,73),G:PSET(480,74),G:LINE(482,67)-(4
76,67),H
2130 LINE(493,70)-(498,70),H:LINE-(500,69),H:LINE(494,68)-(497,68),H:LINE-(490,6
7),H:LINE(492,66)-(498,65),H:LINE-(490,64),H:LINE-(492,62),H:LINE(490,66)-(496,6
3),H:LINE-(498,62),H:LINE(486,64)-(490,62),H
2140 ' ﾐｷﾞ ﾒ
2150 LINE(390,75)-(392,75),H:LINE-(394,77),H:LINE-(398,79),H:LINE-(402,80),H:LIN
E-(406,80),H:LINE-(410,79),H
2160 LINE(413,68)-(412,67),H:LINE-(410,65),H:LINE-(406,63),H:LINE-(396,59),H:LIN
E-(392,58),H:LINE-(388,57),H:LINE-(386,58),H:LINE-(385,60),H:LINE-(385,63),H:LIN
E-(388,61),H:LINE-(390,60),H:LINE-(394,61),H:LINE-(399,62),H:LINE-(404,64),H
2170 LINE(404,64)-(413,68),H:LINE-(410,79),H:LINE(385,63)-(390,75),H:PAINT(400,7
0),G,H:PAINT(390,59),H,H:LINE(413,68)-(410,79),G:LINE(385,63)-(390,75),G:PSET(41
3,68),H:PSET(410,79),H:PSET(385,63),H:PSET(390,75),H
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2180 LINE(406,65)-(412,68),E:LINE-(414,70),E:LINE-(414,74),E:LINE-(412,76),E:LIN
E-(410,78),E:LINE-(407,77),E:LINE-(404,75),E:LINE-(402,73),E:LINE-(402,68),E:LIN
E-(403,66),E:LINE-(406,65),E:PAINT(409,72),E,E:LINE(406,65)-(413,68),H
2190 CIRCLE(409,72),3,H,,,.5/.45:PAINT(409,72),H,H:PSET(409,72),G:CIRCLE(406,69)
,2,G,,,.5/.45:PAINT(406,69),G,G:LINE(410,64)-(407,62),A:LINE-(403,60),A:LINE-(39
8,58),A:LINE-(394,56),A:LINE-(390,55),A:LINE-(386,56),A
2200 LINE(385,61)-(380,63),H:LINE-(377,63),H:LINE(385,60)-(380,61),H:LINE-(376,6
0),H:LINE(385,59)-(378,58),H:LINE-(376,55),H:LINE(386,58)-(382,56),H:LINE-(381,5
4),H:LINE(392,77)-(394,77),H
2210 ' ﾊ ﾅ
2220 LINE(416,86)-(414,84),H:LINE-(413,82),H:LINE-(413,81),H:LINE-(417,80),H:LIN
E(414,82)-(418,83),H
2230 ' ｸ ﾁ
2240 LINE(436,96)-(432,95),B:LINE-(426,95),B:LINE-(420,94),B:LINE-(417,95),B:LIN
E-(418,97),B:LINE-(418,101),B:LINE-(420,103),B:LINE-(424,103),B:LINE-(431,100),B
:LINE-(437,97),B:LINE-(436,96),B:PAINT(426,98),B,B:LINE(420,103)-(424,103),H
2250 LINE(436,97)-(432,96),H:LINE-(428,96),H:LINE-(422,95),H:LINE-(418,95),H:LIN
E-(420,97),H:LINE-(421,99),H:LINE-(426,100),H:LINE-(428,100),H:LINE-(434,98),H:L
INE-(436,97),H:LINE(422,99)-(424,97),H:LINE-(428,96),H
2260 PAINT(428,98),TILE$,H:LINE(412,67)-(399,61),H:LINE(399,50)-(395,49),H
2270 ' ﾌﾞﾗ ﾉ ﾓﾖｳ 「ﾐｷﾞ」
2280 LINE(334,150)-(336,152),H:LINE-(340,155),H:LINE-(344,159),H:LINE-(348,162),
H:LINE(325,153)-(328,154),H:LINE-(334,158),H:LINE-(342,164),H:LINE-(344,166),H:L
INE-(353,171),H:LINE-(362,175),H:LINE-(360,175),H:LINE-(356,174),H
2290 LINE(356,174)-(350,172),H:LINE-(336,165),H:LINE-(331,162),H:LINE-(323,158),
H:LINE-(320,157),H:LINE-(318,156),H:LINE(310,160)-(316,163),H:LINE-(336,171),H:L
INE-(350,176),H:LINE-(360,178),H:LINE-(368,180),H:LINE-(374,181),H
2300 LINE(374,181)-(380,182),H:LINE-(374,183),H:LINE-(355,181),H:LINE-(350,180),
H:LINE-(341,178),H:LINE-(317,170),H:LINE-(304,163),H:LINE(306,170)-(316,175),H:L
INE-(334,181),H:LINE-(346,183),H:LINE-(354,184),H:LINE-(360,184),H
2310 LINE(360,184)-(364,185),H:LINE-(358,186),H:LINE-(342,186),H:LINE-(333,185),
H:LINE-(327,184),H:LINE-(313,181),H:PAINT(340,153),H,H:PAINT(340,165),H,H:PAINT(
340,175),H,H:PAINT(340,184),H,H
2320 ' ﾌﾞﾗ ﾉ ﾓﾖｳ 「ﾋﾀﾞﾘ」
2330 LINE(434,168)-(424,170),H:LINE-(420,171),H:LINE-(405,175),H:LINE-(400,177),
H:LINE-(401,178),H:LINE-(408,176),H:LINE-(420,174),H:LINE-(434,173),H:LINE-(438,
173),H:LINE(478,173)-(483,174),H:LINE-(490,176),H
2340 LINE(442,178)-(434,177),H:LINE-(414,177),H:LINE-(404,178),H:LINE-(400,179),
H:LINE-(400,180),H:LINE-(412,181),H:LINE-(420,182),H:LINE-(432,183),H:LINE-(453,
183),H:LINE(480,177)-(488,179),H:LINE(486,182)-(488,182),H:LINE-(494,183),H
2350 LINE(393,180)-(398,181),H:LINE-(413,185),H:LINE-(428,188),H:LINE-(440,189),
H:LINE-(458,189),H:LINE-(470,188),H:LINE(488,187)-(496,186),H
2360 LINE(393,183)-(402,186),H:LINE-(416,190),H:LINE-(425,192),H:LINE-(440,194),
H:LINE-(466,194),H:LINE-(482,192),H:LINE-(490,190),H:LINE-(494,189),H
2370 PAINT(430,171),H,H:PAINT(430,180),H,H:PAINT(430,190),H,H:PAINT(480,172),H,H
:PAINT(486,180),H,H:PAINT(492,188),H,H
2500 ' ﾃﾝ 「ﾊﾅ ﾄ ｸﾁ」
2510 LINE(299,69)-(297,68),H:LINE-(296,69),H:LINE(294,73)-(298,72),B:LINE-(297,7
3),B:LINE-(294,73),B
2520 ' ﾐｷﾞ ﾒ ﾄ ﾋﾀﾞﾘ ﾒ
2530 LINE(294,60)-(297,64),H:LINE(289,61)-(294,66),H:PAINT(292,61),G,H:LINE(275,
71)-(279,72),H:LINE(282,64)-(284,70),H:PAINT(280,70),G,H:LINE(294,60)-(297,64),G
:LINE(289,61)-(294,66),H:LINE(275,71)-(279,72),G:LINE(282,64)-(284,70),G
2540 PSET(279,72),H:PSET(284,70),H:PSET(294,60),H:PSET(297,64),H:PSET(289,61),H:
PSET(294,66),H:PSET(275,71),H:PSET(289,61),H:CIRCLE(292,64),1,H,,,.5/.45:CIRCLE(
283,67),1,H,,,.5/.45:PAINT(283,67),H,H
2550 ' ﾊﾝﾂ ﾉ ﾓﾖｳ
2560 LINE(289,82)-(276,79),H:LINE-(270,78),H:LINE-(264,78),H:LINE-(260,79),H:LIN
E-(266,79),H:LINE-(278,81),H:LINE-(286,85),H:LINE-(288,87),H:LINE(252,81)-(258,8
0),H:LINE-(266,80),H:LINE-(272,81),H:LINE-(278,83),H:LINE-(282,85),H
2570 LINE(282,85)-(276,83),H:LINE-(270,82),H:LINE-(262,82),H:LINE-(256,83),H:LIN
E-(251,85),H:LINE(252,86)-(256,85),H:LINE-(262,84),H:LINE-(268,84),H:LINE-(274,8
5),H:LINE(252,87)-(256,86),H:LINE-(262,85),H:LINE-(268,85),H:LINE-(271,86),H
2580 LINE(256,89)-(258,88),H:LINE-(264,87),H:LINE-(268,88),H:LINE(258,90)-(262,8
9),H:LINE-(267,89),H:PAINT(258,89),H,H:PAINT(264,88),H,H:PAINT(260,81),H,H:PAINT
(286,83),H,H:PAINT(270,79),H,H
2590 LINE(281,88)-(284,90),H:PAINT(282,90),H,H
3000 ' ｼｭｳｾｲ
3010 PAINT(108,66),TILE$,H:PAINT(110,65),TILE$,H:PAINT(112,64),TILE$,H:PAINT(138
,172),TILE$,H:PAINT(141,173),TILE$,H:PAINT(394,49),H,H:PAINT(355,173),H,H:PAINT(
358,174),H,H
5000 GOTO 5000
```

うる星やつら コトリ

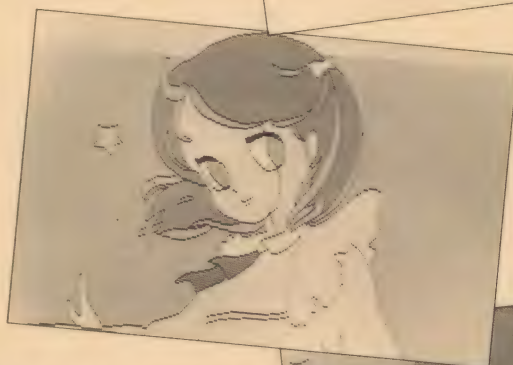
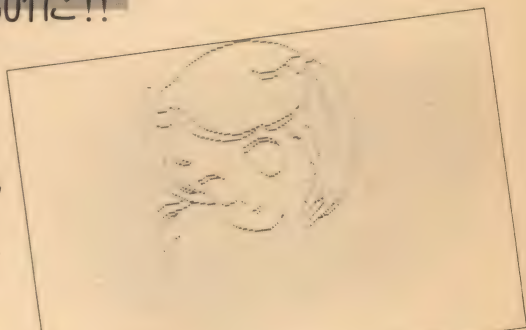
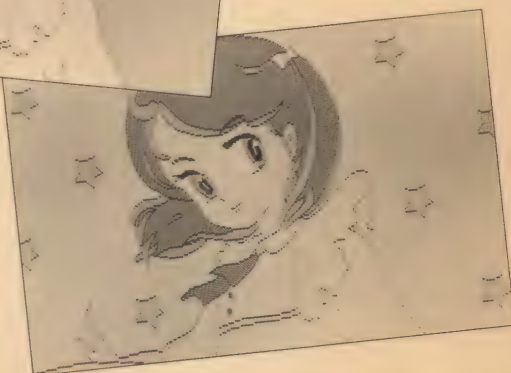
PC—8801/mkⅡ
大島一夫

愛くるしいコトリちゃんをＰＣ—8801に!!

ポプコム本誌のＣＧギャラリーで、常連として活躍中の大島さんの作品を紹介しましょう。大島さんのＣＧは、いつも下絵がしっかりと作られていることと、プログラムが大島流（？）に短く洗練されていることが特徴です。

オールBASICで描かれているので(拡張コマンドも使っていますが)、背景の処理にいろいろ苦心されているようです。でも、その分他機種への移植が簡単になりますし、ＣＧ作品を作りたいという人におすすめできる手本プログラムでもあります。みなさんも、スッキリしたプログラムを学びましょう。

さて、今回のキャラクターは「うる星」のゲストキャラのコトリちゃんです。コトリちゃんは実は幽霊で、子犬を抱きに地上へ降りてきたのでした。

このＣＧは、コトリちゃんの淡い色あいをうまく表現しています。大島さんの作品はつねに高いレベルにあり、色の使い方がうまくいつも感心してしまいます。

▲まず顔を描きはじめ…
◀おおざっぱなペイントと星を一ヶ描いておく。(あとでコピーする)
▼コトリちゃんが完成!!

作者のプロフィール

7月号に“うる星”以外のキャラクターをというのが載ってましたね。そこで今回は違った物を描いてみました。

実はこのキャラクターは、親戚の子どもから次はこれを描いてね、と頼まれていた物なんです。下絵は以前に描いてあった物を使いましたので、比較的短時間で作ることができました。

機種はPC—8801、またはmarkⅡ用で、@exstの拡張BASICでお願いします。

とのこと。本誌の方で常連の大島さんはただいま26才！

プログラムの方は、ほとんどBASICですがディスクBASIC用の拡張命令を使っています。ディスクのない人、またPC—9801シリーズの人は以下のように修正して下さい。

100行、110行→削除
1020行、1030行 CMD CLS 3→ CLS 3
1040行 CMD TEXT OFF →削除

CMD CLS 3 は高速画面消去で、機能はCLS 3と同じです。また、CMD TEXT OFF はテキスト画面を表示禁止にすることで処理速度を上げています。スピードを特に気にしなければ、ディスクのユーザーでも拡張コマンドを使う必要はありません。また、1180行、1250行で指定しているのはペイント時のバックグランドパターンで、背景のタイルパターンを示すものですが、なくても動きます。

うる星やつら　コトリ　プログラムリスト

```
100  CLEAR ,&HDBFF
110  BLOAD "@exst",R
1000 'ｼｮｷｾｯﾃｲ
1010 CONSOLE 0,25,0,1:WIDTH 80,25:DIM A%(190)
1020 SCREEN 0,3:CMD CLS 3:FOR C=0 TO 7:COLOR=(C,C):NEXT:SCREEN 0,0
1030 COLOR 7,5,0:CMD CLS 3:COLOR 7,0,0
1040 WINDOW (0,0)-(400,250):CMD TEXT OFF
1050 'ﾗｲﾝ
1060 READ C
1070 READ X,Y:IF X=999 AND Y=999 THEN GOTO 1110
1080 PSET (X,Y),C
1090 READ X,Y:IF X=0 AND Y=0 THEN GOTO 1070
1100 LINE-(X,Y),C:GOTO 1090
1110 'ｻｰｸﾙ 1
1120 READ R
1130 READ X,Y:IF X=0 AND Y=0 THEN GOTO 1160
1140 CIRCLE(X,Y),R,C
1150 GOTO 1130
1160 'ﾍﾟｲﾝﾄ
1170 READ C$
1180 IF C$<>STRING$(6,"0") THEN BACK$=CHR$(&H0)+CHR$(&H0)+CHR$(&H0)
                              ELSE BACK$=CHR$(&HFF)+CHR$(&HFF)+CHR$(&HFF)
1190 TL$=""
1200 FOR I=1 TO LEN(C$) STEP 2
1210  T=VAL("&H"+MID$(C$,I,2))
1220  TL$=TL$+CHR$(T)
1230 NEXT
1240 READ X,Y:IF X=0 THEN 1170 ELSE IF Y=999 THEN GOTO 1270
1250 PAINT(X,Y),TL$,C,BACK$
1260 GOTO 1240
1270 'ﾗｲﾝｻｲｼｮﾘ
1280 READ C1:IF C1=999 THEN 1340
1290 READ X,Y
1300 PSET(X,Y),C1
1310 READ X,Y:IF X=0 AND Y=0 THEN 1290 ELSE IF Y=999 THEN GOTO 1280
1320 LINE-(X,Y),C1
1330 GOTO 1310
1340 'ﾗｲﾝｽﾀｲﾙ
1350 READ A$:A=VAL("&H"+A$)
1360 READ X,Y,C2:IF X=888 THEN 1350 ELSE IF Y=999 THEN GOTO 1410
1370 PSET (X,Y),C2
1380 READ X,Y:IF X=0 THEN GOTO 1360 ELSE IF X=999 THEN GOTO 1060
1390 LINE-(X,Y),C2,,A
1400 GOTO 1380
1410 'ｻｰｸﾙ 2
1420 READ S
1430 READ C3,C4,R
1440 READ X,Y:IF X=888 THEN 1420 ELSE IF Y=999 THEN GOTO 1470
1450 CIRCLE(X,Y),R,C4,,,S:PAINT(X,Y),C3,C4:GOTO 1440
1460 GOTO 1440
1470 'ﾎｼ ｲﾄﾞｳ
1480 GET@(104, 68)-(144, 88),A%
1490 READ X,Y
1500 IF X=0 THEN GOTO 1530
1510 PUT@(X,Y),A%,PSET
1520 GOTO 1490
1530 END
1540 '
1550 ' ﾗｲﾝ DATA
1560 '
1570 ' ﾒ
1580 DATA   0
1590 DATA 148,108,146,105,149,105,153,103,158,103,162,104,163,105,  0,  0
1600 DATA 148,108,150,108,155,106,158,105,162,105,167,107,170,110,173,114
1610 DATA 175,119,175,122,174,124,170,126,166,127,162,125,157,120,150,110
1620 DATA 148,108,  0,  0
1630 DATA 212, 87,207, 84,203, 83,198, 83,192, 86,187, 89,184. 89,183, 87
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リスト続く

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1640 DATA 184, 85,186, 85,190, 83,197, 80,203, 80,208, 82,211, 85,214, 91
1650 DATA 215, 98,215,101,213,104,208,108,203,109,199,108,196,106,190,100
1660 DATA 184, 89,  0,  0,212, 87,209, 84,  0,  0
1670 ' ﾊﾅ ｸﾁ ﾐﾐ
1680 DATA 179,121,177,124,177,126,180,127,  0,  0
1690 DATA 184,132,185,133,187,133,191,131,193,129,  0,  0
1700 DATA 188,136,191,135,  0,  0
1710 DATA 230, 86,231, 80,233, 77,235, 76,237, 77,239, 80,240, 85,240, 91
1720 DATA 238, 98,235,103,  0,  0
1730 ' ｶｵ ｸﾋﾞ ﾘﾎﾞﾝ
1740 DATA 134, 92,137,103,140,109,143,112,146,114,150,116,153,119,158,125
1750 DATA 161,130,164,136,166,139,169,142,173,144,186,148,196,148,201,146
1760 DATA 205,143,213,135,  0,  0
1770 DATA 202,145,204,148,206,153,206,158,  0,  0
1780 DATA 225, 26,225, 28,228, 29,231, 31,233, 35,235, 35,237, 33,238, 29
1790 DATA 240, 30,241, 28,246, 28,247, 26,243, 23,244, 19,242, 17,237, 22
1800 DATA 235, 23,231, 23,225, 26,  0,  0
1810 DATA 193, 76,197, 80,  0,  0
1820 DATA 209,107,212,113,213,118,213,123,212,129,209,136,205,143,  0,  0
1830 DATA 207,141,210,146,212,152,212,156,  0,  0
1840 ' ｶﾐ
1850 DATA 113, 53,111, 60,110, 68,110, 78,112, 88,114, 95,116,100,119,105
1860 DATA 122,109,126,113,130,116,134,118,138,120,143,122,152,124,157,124
1870 DATA   0,  0
1880 DATA 118, 46,121, 41,125, 36,130, 33,134, 32,140, 26,148, 19,155, 15
1890 DATA 165, 10,176,  7,190,  5,198,  5,211,  7,221, 10,229, 14,234, 18
1900 DATA 238, 20,  0,  0
1910 DATA 247, 26,254, 32,258, 38,264, 47,268, 56,271, 65,273, 75,273, 85
1920 DATA 272, 98,270,108,265,120,260,128,254,135,248,140,242,143,235,145
1930 DATA   0,  0
1940 DATA 123, 86,122, 92,123, 98,125,103,128,107,132,111,136,113,139,114
1950 DATA 144,114,139,112,134,109,130,105,127,100,125, 94,123, 86,  0,  0
1960 DATA 131, 90,132, 96,134,102,136,106,140,109,  0,  0
1970 DATA 128, 63,126, 67,125, 72,125, 77,126, 82,128, 86,131, 90,134, 92
1980 DATA 137, 93,140, 93,143, 92,140, 91,136, 89,134, 87,132, 83,131, 79
1990 DATA 131, 73,132, 68,134, 63,134, 61,133, 60,  0,  0
2000 DATA 119, 31,118, 31,116, 32,114, 37,113, 43,113, 48,114, 53,116, 57
2010 DATA 118, 60,121, 62,124, 63,128, 63,131, 62,133, 60,135, 56,136, 53
2020 DATA 135, 50,133, 49,131, 49,129, 51,126, 52,123, 52,120, 50,118, 47
2030 DATA 117, 44,117, 41,118, 35,119, 31,  0,  0
2040 DATA 201, 70,197, 72,190, 74,180, 75,172, 74,164, 72,158, 69,153, 65
2050 DATA 148, 60,143, 54,139, 50,137, 50,136, 53,138, 59,141, 64,145, 69
2060 DATA 150, 73,157, 76,164, 78,173, 79,181, 79,187, 78,193, 76,197, 73
2070 DATA 197, 72,  0,  0
2080 DATA 201, 70,201, 72,203, 74,208, 75,211, 75,217, 73,224, 69,229, 64
2090 DATA 232, 59,229, 62,225, 65,218, 68,211, 70,205, 71,201, 70,  0,  0
2100 DATA 229, 84,224, 83,221, 81,219, 78,218, 74,219, 72,220, 72,221, 74
2110 DATA 222, 77,224, 80,229, 84,232, 91,234, 98,236,106,  0,  0
2120 DATA 228, 85,230, 91,232, 97,234,104,  0,  0
2130 DATA 198, 28,205, 31,211, 32,216, 31,224, 28,222, 32,218, 35,212, 37
2140 DATA 206, 36,201, 33,198, 28,  0,  0
2150 DATA 239, 32,241, 34,243, 40,243, 45,241, 53,238, 60,234, 65,236, 60
2160 DATA 238, 55,240, 47,240, 40,239, 32,  0,  0
2170 DATA 243, 94,241, 99,236,106,232,112,228,119,226,126,226,133,229,124
2180 DATA 233,117,237,111,241,103,243, 94,  0,  0
2190 DATA 237,111,236,119,  0,  0
2200 DATA 241, 28,244, 33,247, 40,249, 50,251, 63,251, 76,249, 88,245,100
2210 DATA 241,110,236,119,231,126,226,133,222,140,221,145,221,151,224,145
2220 DATA 227,140,233,133,240,125,246,116,250,108,253, 99,255, 89,256, 78
2230 DATA 255, 66,253, 56,250, 45,247, 40,  0,  0
2240 DATA 272, 70,272, 76,270, 91,267,103,263,113,258,123,253,131,248,136
2250 DATA 241,141,231,147,225,152,224,149,224,145,  0,  0
2260 DATA 245,138,247,135,248,130,248,127,246,122,244,128,242,132,236,138
2270 DATA 229,143,226,147,225,152,  0,  0
2280 DATA 233,133,237,132,241,129,239,134,236,138,  0,  0
2290 DATA 134,118,132,119,128,120,123,120,119,121,115,123,111,126,109,129
2300 DATA 108,132,108,134,109,137,111,138,  0,  0
2310 DATA 141,121,137,123,130,125,121,127,116,129,113,132,111,136,111,138
2320 DATA 112,141,  0,  0
2330 DATA 114,155,112,152,111,147,112,141,115,136,118,132,122,129,128,128
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2340 DATA 124,131,120,135,117,141,115,147,114,155,114,160,115,165,117,168
2350 DATA 118,169,119,167,118,163,118,157,120,153,123,149,127,145,123,146
2360 DATA 119,149,116,152,114,155,  0,  0
2370 DATA 120,161,124,162,129,163,137,164,143,164,151,162,159,158,163,155
2380 DATA 165,153,  0,  0
2390 DATA 124,162,128,159,135,157,141,157,150,156,154,155,158,153,159,152
2400 DATA   0,  0
2410 DATA 204,148,201,151,196,154,187,156,181,156,172,155,165,153,159,152
2420 DATA 153,153,145,156,149,152,154,149,160,148,166,149,174,151,178,151
2430 DATA 182,150,186,148,  0,  0
2440 DATA 114,158,111,159,109,161,108,164,114,163,  0,  0
2450 DATA 118,157,123,155,126,153,126,155,123,159,118,162,  0,  0
2460 DATA 136,139,138,136,143,133,146,133,148,134,146,136,141,137,136,139
2470 DATA   0,  0
2480 ' ﾖｳﾌｸ
2490 DATA 172,174,171,172,173,169,171,168,171,165,173,163,176,163,176,160
2500 DATA 178,158,181,159,183,156,185,156,187,158,190,158,194,157,196,159
2510 DATA   0,  0
2520 DATA 237,145,240,146,243,146,251,141,258,135,266,127,273,120,278,117
2530 DATA 283,115,286,115,290,117,292,120,292,126,290,132,289,135,291,140
2540 DATA 292,145,290,150,285,154,285,157,290,158,290,161,288,164,288,167
2550 DATA 286,171,  0,  0
2560 DATA 240,146,236,153,233,161,230,171,229,182,229,198,230,207,229,214
2570 DATA 230,217,232,219,235,220,238,219,239,216,241,218,243,218,245,215
2580 DATA 245,213,246,209,249,208,250,206,249,203,246,201,245,199,246,197
2590 DATA 250,199,255,203,257,203,259,202,261,199,262,194,264,189,267,186
2600 DATA 269,185,269,183,267,180,264,177,264,175,266,172,263,169,259,166
2610 DATA 259,164,263,163,267,163,270,161,271,156,  0,  0
2620 DATA 206,153,201,154,198,156,196,159,  0,  0
2630 DATA 208,166,201,169,200,166,200,163,202,160,215,155,221,151,  0,  0
2640 DATA 202,160,205,162,208,166,211,168,215,168,220,166,225,162,230,157
2650 DATA 233,152,236,146,237,145,  0,  0
2660 DATA 200,166,198,168,192,171,184,173,177,173,169,175,163,178,163,179
2670 DATA 170,180,174,182,176,185,178,189,180,190,183,189,188,185,194,180
2680 DATA 199,174,202,169,  0,  0
2690 DATA 170,180,167,183,163,185,153,187,147,189,142,192,139,195,140,196
2700 DATA 144,195,147,194,151,194,154,197,155,201,157,202,  0,  0
2710 ' ﾐｷﾞﾃ
2720 DATA  68,234, 64,230, 61,222, 59,216, 60,215, 63,218, 66,223, 69,226
2730 DATA  70,225, 68,214, 66,205, 66,199, 67,196, 68,196,  0,  0
2740 DATA  71,212, 69,208, 68,202, 68,196, 70,192, 71,192, 72,205, 74,213
2750 DATA  78,220, 83,226, 87,232, 91,232,106,230,114,230,121,231,  0,  0
2760 DATA 118,241,120,234,122,229,125,226,127,225,129,225,131,224,135,222
2770 DATA 144,218,148,215,152,210,158,201,162,198,169,195,175,192,178,189
2780 DATA   0,  0
2790 ' ﾋﾀﾞﾘﾃ
2800 DATA 271,156,277,160,282,165,286,171,290,178,293,188,296,200,301,210
2810 DATA 307,219,315,231,321,239,324,245,326,250,  0,  0
2820 DATA 255,230,262,237,267,245,269,250,  0,  0
2830 DATA 268,247,270,235,270,222,272,230,273,237,273,243,272,250,  0,  0
2840 DATA 264,241,265,250,  0,  0
2850 ' ﾖｳﾌｸ 2
2860 DATA  12,250, 13,244, 15,241, 18,239, 21,240, 24,243, 26,248, 26,250
2870 DATA   0,  0
2880 DATA  18,239, 26,237, 43,235, 60,234, 82,235,103,238,123,242,139,247
2890 DATA 147,250,153,246,158,241,162,235,165,228,166,221,165,214,166,207
2900 DATA 168,199,169,195,  0,  0
2910 DATA 166,223,176,220,187,218,197,217,207,217,219,216,225,215,229,214
2920 DATA   0,  0
2930 DATA 166,219,175,216,185,214,197,213,207,213,220,212,227,210,226,199
2940 DATA 226,182,227,170,229,162,232,154,  0,  0
2950 ' ﾎｼ
2960 DATA  68,102, 69,103, 77,103, 82,108, 83,107, 83,102, 84,100, 90, 98
2970 DATA  85, 93, 85, 86, 78, 88, 75, 88, 70, 87, 70, 88, 73, 96, 68,102
2980 DATA   0,  0
2990 ' ﾂｲｶ
3000 DATA 155,106,156,110,158,114,161,118,164,121,167,123,171,124,174,123
3010 DATA   0,  0
3020 DATA 200, 83,199, 86,199, 89,201, 96,204,101,207,104,210,105,213,104
3030 DATA   0,  0,999,999
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3040 '
3050 'サークル 1 DATA
3060 '
3070 DATA   0,  0,  0
3080 '
3090 'ペイント DATA
3100 '
3110 DATA 55FFFFAAFFFF,       180,110,207,150,100,235,  0,  0
3120 DATA 55FF55AAFFAA,       220,115,235, 90,  0,  0
3130 DATA FF0055FF00AA,       165,115,210, 90, 20,245,  0,  0
3140 DATA 000000,             151,106,190, 85,204, 82,207, 83,210, 85,  0,  0
3150 DATA FF0000,             200, 45,120, 90,260, 90,140,140,114,134,  0,  0
3160 DATA FF55FFFFAAFF,       270,245,  0,  0
3170 DATA FFFFFF,             160,120,195, 95,235, 25,185,165,250,160,220,160
3180 DATA                     203,165,250,220,150,230, 70,240,200,190,200,215
3190 DATA                       0,  0
3200 DATA 00FF00,             180,180,170,190,  0,  0
3210 DATA FFFF00,              80, 95,  0,  0
3220 DATA FFFFAAFFFF55,       100, 10,200,153,266,247,999,999
3230 '
3240 'ライン サイショリ & ライン スタイル DATA
3250 '
3260 DATA 999,  0,  0,  0,  0,999,999
3270 '
3280 'ライン DATA (2)
3290 '
3300 ' メ
3310 DATA   0
3320 DATA 161,111,163,115,165,117,169,120,171,120,172,118,171,116,167,111
3330 DATA 164,109,162,109,161,111,  0,  0
3340 DATA 166,122,168,120,  0,  0
3350 DATA 170,124,170,120,  0,  0
3360 DATA 205, 86,203, 86,202, 88,202, 91,204, 96,207,100,209,101,211,100
3370 DATA 212, 97,211, 93,208, 88,205, 86,  0,  0
3380 DATA 205,102,207,100,  0,  0
3390 DATA 210,105,210,101,  0,  0
3400 ' ミミ リボン
3410 DATA 232, 85,234, 84,236, 85,237, 88,236, 94,234, 98,  0,  0
3420 DATA 233, 90,235, 88,236, 87,  0,  0
3430 DATA 235, 23,236, 27,238, 29,  0,  0
3440 DATA 237, 22,240, 25,241, 28,  0,  0
3450 ' ヨウフク
3460 DATA 196,159,195,165,195,168,196,168,200,163,  0,  0
3470 DATA 271,156,275,155,278,152,279,148,278,145,276,143,276,142,279,139
3480 DATA 284,133,284,129,282,123,282,120,284,116,286,115,  0,  0
3490 DATA 121,241,123,235,125,230,127,227,129,225,  0,  0
3500 ' ツイカ
3510 DATA 143, 96,144, 97,147, 95,150, 94,154, 94,158, 95,161, 96,158, 94
3520 DATA 154, 93,150, 93,146, 94,143, 96,  0,  0
3530 DATA 142,105,146,105,  0,  0
3540 DATA 144,109,148,108,  0,  0
3550 DATA 208, 82,210, 79,  0,  0
3560 DATA 211, 85,214, 80,  0,  0
3570 DATA 181, 79,185, 74,189, 71,193, 69,197, 68,201, 67,196, 67,192, 68
3580 DATA 187, 71,184, 74,181, 79,  0,  0,999,999
3590 '
3600 'サークル 1 DATA (2)
3610 '
3620 DATA   0,  0,  0
3630 '
3640 'ペイント DATA (2)
3650 '
3660 DATA 000000,             165,113,205, 90,  0,  0
3670 DATA FFFFFF,             168,122,208,103,  0,  0
3680 DATA FF55FFFFAAFF,       285,145,999,999
3690 '
3700 'ライン サイショリ DATA (2)
3710 '
3720 ' メ  カゲ
3730 DATA   7
```

```
3740 DATA 166,127,162,125,157,120,150,110,148,108,  0,  0
3750 DATA 203,109,199,108,196,106,190,100,184, 89,  0,  0
3760 DATA 193, 76,197, 80,  0,  0
3770 DATA 209,107,212,113,213,118,213,123,213,129,209,136,205,143,  0,  0
3780 DATA 207,141,210,146,212,152,212,156,  0,  0
3790 DATA 268,247,270,235,270,222,272,230,273,237,273,243,272,250,  0,  0
3800 DATA 165,113,169,117,  0,  0,174,124,170,126,168,126,  0,  0
3810 DATA 206, 90,208, 96,999,999
3820 DATA 999
3830 '
3840 'ライン スタイル DATA (2)
3850 '
3860 ' カゲ
3870 DATA AAAA
3880 DATA 193, 76,  6,197, 80,  0,  0
3890 DATA 209,107,  6,212,113,213,118,213,123,212,129,209,136,205,143,  0,  0
3900 DATA 207,141,  6,210,146,212,152,212,156,  0,  0
3910 ' ヨウフク
3920 DATA 184,162,  1,188,164,193,165,  0,  0
3930 DATA 183,165,  1,187,167,194,168,  0,  0
3940 DATA 242,150,  1,249,148,255,145,261,142,265,141,  0,  0
3950 DATA 242,152,  1,253,151,258,149,  0,  0
3960 DATA 235,170,  1,241,173,248,175,252,175,  0,  0
3970 DATA 234,172,  1,241,177,249,180,  0,  0
3980 DATA 233,175,  1,237,180,241,184,245,187,  0,  0
3990 DATA 231,184,  1,235,192,240,199,  0,  0
4000 DATA 231,195,  1,234,205,237,211,239,214,  0,  0
4010 DATA 183,241,  1,192,243,200,246,208,250,  0,  0
4020 DATA 999,999,999
4030 '
4040 'サークル 2 DATA
4050 '
4060 DATA 0.5,  7,  7,1.5,163,109,208, 88,888,888
4070 DATA 0.5,  7,  7,0.5, 16,190, 19,194, 22,197, 26,200, 30,202, 35,204
4080 DATA                  40,205, 45,206, 50,205, 55,204, 60,202, 64,199
4090 DATA                  72,192, 73,190, 75,185, 77,179, 78,173, 78,168
4100 DATA                  77,162, 75,156, 72,152, 68,149, 63,148, 58,150
4110 DATA                  55,154, 53,160, 52,166, 53,172, 55,177, 58,182
4120 DATA                  62,187, 67,190, 77,191, 83,188, 86,185, 89,179
4130 DATA                  90,174,888,888
4140 DATA 0.5,  4,  4,  2,175,207,177,196,999,999
4150 '
4160 'ホシ イドウ DATA
4170 '
4180 DATA  16,112,160,152, 32, 24,480, 16,592, 64,496,104,576,160,  0,  0
4190 '
4200 '
4210 '┌──────────────────────────────────────────────────────────────────┐
4220 '│                                                                  │
4230 '│     ウルセ ヤツラ ・ ( ソラ オ トブ ドウジョ  ヨリ )  ,  コトリ                 │
4240 '│                                                                  │
4250 '│                                  FOR PC-8801      1984年 4月15日   │
4260 '│                                                                  │
4270 '│ Copyright   タカハシ ルミコ  /  ショウガクカン  .  キティエンタープライズ  .  フジテレビ │
4280 '│                                                                  │
4290 '└──────────────────────────────────────────────────────────────────┘
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うる星やつら
お祭りラム

PC―8801/mkII

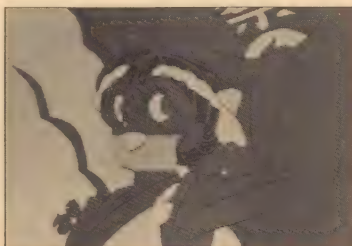
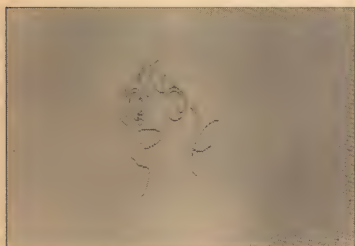
大島一夫

にぎやかなお祭りラムちゃんを描こう!!

サンデーの表紙となった有名なお祭りラムちゃんは、多くのCGマニアによって描かれています。少々模様は細かくても原画のよさが好まれているのでしょう。

このCGもそんな1枚ですが、きれいなカゲのつけ方など、大島さんのテクニックが光っています。お祭りのふんい気はよく出ていますが、ラムの口のまわりがちょっと気になります。解象度が640×200といっても、口や目のラインはほんとうに微妙で、1ドット変えただけでも見た感じに大きく影響します。元の絵を単にデジタイジングするだけでなく、見た目を大事にして細かく調節することもテクニックのうちです。CGをやる人のセンスが生きてくるのもこの微妙なところにあります。みなさんもいろいろ研究してみてください。

さて、プログラムの方はいつもの通りですが、これは拡張コマンドを使っていません。ディスク版の人は他のプログラムを見て高速化してみるのもよいでしょうし、逆に他をテープ版にするときの参考にもなります。

プログラム部分はともかく、データ部分は数字がほとんどですからテンキーだけで打ち込めます。早い人なら数時間でラムちゃんのはっぴ姿を見ることができますよ!

うる星やつら　お祭りラム　プログラムリスト

```
1000 'ショキセッテイ
1010 CONSOLE 0,25,0,1:WIDTH 80,25
1020 SCREEN 0,3:CLS 3:FOR C=0 TO 7:COLOR=(C,C):NEXT:SCREEN 0,0
1030 COLOR 7,4,0:CLS 3:COLOR 7,0,0
1040 WINDOW (0,0)-(400,250)
1050 'ライン
1060 READ C
1070 READ X,Y:IF X=999 THEN 1100 ELSE PSET (X,Y),C
1080 READ X,Y:IF X=  0 AND Y=  0 THEN 1070 ELSE LINE-(X,Y),C
1090 GOTO 1080
1100 'ペイント
1110 READ C$:IF C$<>STRING$(6,"0") THEN BACK$=CHR$(&H0)+CHR$(&H0)+CHR$(&H0)
                                    ELSE BACK$=CHR$(&HFF)+CHR$(&HFF)+CHR$(&HFF)
1120 TL$=""
1130 FOR I=1 TO LEN(C$) STEP 2
1140  T=VAL("&H"+MID$(C$,I,2)):TL$=TL$+CHR$(T)
1150 NEXT
1160 READ X,Y:IF X=0 THEN 1100 ELSE IF X=888 THEN 1050 ELSE IF X=999 THEN 1180
1170 PAINT(X,Y),TL$,C,BACK$:GOTO 1160
1180 'ライン サイショリ
```

```
1190 READ A$,C1:A=VAL("&H"+A$)
1200 READ X,Y:PSET (X,Y),C1
1210 READ X,Y:IF X=0 THEN 1200 ELSE IF X=888 THEN 1190 ELSE IF X=999 THEN 1230
1220 LINE-(X,Y),C1,,A:GOTO 1210
1230 'ｻｰｸﾙ
1240 READ S,R,C2,C3
1250 READ X,Y:IF X=0 THEN 1240 ELSE IF X=999 THEN 1270
1260 CIRCLE (X,Y),R,C2,,,S:PAINT(X,Y),C3,C2:GOTO 1250
1270 END
2000 '
2010 '  ﾗｲﾝ DATA
2020 '
2030 ' ﾐｷﾞﾒ
2040 DATA   0
2050 DATA 150,120,147,120,144,117,142,111,141,105,141, 97,143, 92,145, 90
2060 DATA 147, 90,150, 92,152, 95,154,100,154,110,153,115,  0,  0
2070 DATA 141,105,142, 98,143, 95,145, 94,147, 94,150, 97,153,101,154,105
2080 DATA   0,  0
2090 DATA 152,100,150,100,148,103,147,107,147,110,148,112,150,114,151,114
2100 DATA 153,112,154,109,  0,  0
2110 ' ﾋﾀﾞﾘﾒ
2120 DATA 188, 89,185, 89,181, 91,178, 94,176, 98,176,103,176,107,177,112
2130 DATA 179,116,181,118,185,120,189,120,193,118,195,116,197,112,198,105
2140 DATA 199,102,  0,  0
2150 DATA 176,103,178, 99,180, 96,182, 94,185, 93,188, 93,192, 96,196,101
2160 DATA 198,105,  0,  0
2170 DATA 192, 96,189, 99,188,104,188,107,189,110,192,113,194,113,196,110
2180 DATA 197,104,  0,  0
2190 ' ﾊﾅ ･ ｸﾁ
2200 DATA 155,114,153,115,149,116,149,118,151,122,150,124,152,125,154,123
2210 DATA 155,121,149,118,  0,  0
2220 DATA 150,131,149,133,149,135,151,140,154,145,157,147,159,147,164,145
2230 DATA 169,142,172,138,173,135,173,133,171,131,166,129,155,129,150,131
2240 DATA   0,  0
2250 ' ﾐﾐ
2260 DATA 210,173,208,172,205,169,204,165,204,160,205,154,205,149,206,144
2270 DATA 210,138,215,131,217,127,222,123,228,121,231,121,231,123,228,130
2280 DATA 226,139,223,144,219,147,214,149,210,149,205,147,  0,  0
2290 ' ｶｵ
2300 DATA 137, 91,135, 96,134,102,134,110,136,113,138,117,139,121,139,129
2310 DATA 138,137,138,143,140,149,143,154,147,160,151,163,158,165,160,166
2320 DATA 161,169,160,176,158,185,155,191,152,194,  0,  0
2330 ' ｶﾐ
2340 DATA 137, 91,137, 96,138,100,139, 93,141, 87,144, 83,151, 76,  0,  0
2350 DATA 156, 67,152, 73,150, 79,150, 82,152, 86,154, 92,156, 95,159, 98
2360 DATA 161, 99,159, 95,158, 90,158, 84,159, 80,161, 77,  0,  0
2370 DATA 171, 61,167, 64,164, 68,162, 73,161, 77,162, 83,164, 88,168, 92
2380 DATA 173, 94,176, 94,174, 90,173, 85,175, 79,178, 75,  0,  0
2390 DATA 178, 75,180, 81,183, 86,188, 89,190, 90,193, 93,196, 96,198, 99
2400 DATA 199,102,202,108,205,111,208,113,210,115,212,119,212,124,211,129
2410 DATA 209,133,205,138,203,144,203,150,205,154,  0,  0
2420 DATA 152, 86,152, 81,154, 76,157, 71,162, 66,  0,  0
2430 DATA 127,103,127,109,128,114,131,119,134,122,139,125,  0,  0
2440 DATA 204,159,209,161,212,161,215,159,219,161,222,161,227,159,231,155
2450 DATA 233,151,239,149,244,145,247,140,  0,  0
2460 DATA 223,144,225,147,229,150,231,151,233,151,  0,  0
2470 DATA 212,155,216,157,219,157,  0,  0
2480 DATA 123, 93,122, 87,122, 84,124, 77,128, 70,133, 63,139, 58,146, 53
2490 DATA 155, 49,164, 46,173, 44,180, 44,188, 46,196, 49,203, 53,208, 58
2500 DATA 216, 58,224, 60,232, 64,238, 69,244, 76,249, 85,250, 89,  0,  0
2510 DATA 198, 55,203, 56,208, 58,216, 62,224, 67,230, 73,236, 82,240, 92
2520 DATA   0,  0
2530 ' ﾂﾉ
2540 DATA 146, 53,149, 47,151, 45,155, 47,157, 48,  0,  0
2550 DATA 229, 72,236, 72,242, 74,  0,  0
2560 DATA 244, 76,243, 82,241, 87,239, 90,  0,  0
2570 ' ﾊﾁﾏｷ
2580 DATA 127,111,124,109,121,105,120,101,121, 97,123, 93,126, 89,127, 84
2590 DATA 129, 80,132, 76,135, 74,138, 73,140, 70,143, 68,146, 67,149, 65
2600 DATA 152, 65,156, 67,  0,  0
2610 DATA 127,103,128, 98,128, 94,130, 91,134, 88,138, 84,140, 80,147, 78
2620 DATA 151, 74,  0,  0
2630 DATA 184, 66,189, 64,195, 66,200, 66,206, 68,208, 70,213, 70,218, 72
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リスト続く

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2640 DATA 222, 75,225, 79,231, 81,235, 84,238, 87,240, 92,244, 94,247, 98
2650 DATA 248,103,251,105,259,112,263,115,267,122,273,135,274,139,273,143
2660 DATA 271,145,268,145,266,143,261,140,257,140,252,142,247,140,244,134
2670 DATA 243,130,244,123,247,115,247,109,245,108,240,105,237,101,232, 98
2680 DATA 229, 95,227, 95,224, 92,220, 90,215, 87,212, 82,207, 82,203, 80
2690 DATA 199, 77,198, 78,191, 76,188, 77,181, 77,178, 75,  0,  0
2700 DATA 244, 94,247, 90,260, 88,267, 90,270, 94,270, 97,266,105,264,110
2710 DATA 264,113,263,115,  0,  0,178, 75,179, 71,184, 66,  0,  0
2720 ' ﾁ
2730 DATA 250,176,262,172,276,169,284,167,288,165,295,161,299,157,301,152
2740 DATA 301,148,297,139,294,130,292,119,291,105,290, 90,289, 83,287, 78
2750 DATA 285, 75,281, 73,  0,  0
2760 DATA 285,166,281,153,279,142,278,127,278,100,279, 81,281, 71,283, 65
2770 DATA 286, 59,290, 53,298, 45,301, 40,302, 39,303, 39,303, 44,300, 51
2780 DATA 308, 48,313, 47,316, 48,317, 50,320, 52,322, 56,324, 58,324, 63
2790 DATA 327, 66,327, 70,326, 73,324, 77,319, 79,322, 88,318, 90,315, 81
2800 DATA 306, 85,300, 90,  0,  0
2810 DATA 215,234,228,228,245,221,265,216,283,210,297,203,309,195,316,188
2820 DATA 320,181,322,173,322,165,320,156,315,142,308,126,303,114,300,102
2830 DATA 300, 90,298, 86,  0,  0
2840 DATA 229,202,250,194,268,187,290,180,307,175,316,173,319,173,321,175
2850 DATA   0,  0
2860 ' ｳﾁﾜ
2870 DATA 247,  0,244,  6,240, 11,246,  9,252,  5,257,  3,255,  8,250, 12
2880 DATA 244, 15,251, 15,260, 12,260, 14,264, 14,285,  5,300,  0,  0,  0
2890 DATA 270,  0,264,  8,272,  5,280,  0,  0,  0
2900 DATA 308,  0,256, 20,251, 21,259, 25,282, 16,284, 16,286, 18,287, 23
2910 DATA 282, 23,285, 26,286, 29,290, 31,292, 31,295, 29,296, 25,295, 19
2920 DATA 292, 12,312,  4,324,  2,325,  0,  0,  0
2930 DATA 267, 25,267, 28,265, 33,261, 37,268, 34,273, 30,275, 23,267, 25
2940 DATA   0,  0
2950 DATA 304, 14,304, 16,307, 18,313, 16,318, 15,325, 15,322, 12,314,  9
2960 DATA 311,  9,307, 11,304, 14,  0,  0
2970 DATA 219,  0,217,  5,215, 12,214, 20,215, 28,218, 34,222, 39,228, 44
2980 DATA 236, 49,248, 54,262, 58,277, 60,285, 60,  0,  0
2990 DATA 317, 50,327, 45,337, 37,343, 30,348, 23,351, 16,353,  7,353,  0
3000 DATA   0,  0
3010 DATA 272, 59,274, 52,278, 45,284, 39,291, 34,299, 31,308, 29,315, 29
3020 DATA 323, 31,330, 34,335, 38,  0,  0
3030 ' ﾌｸ
3040 DATA  90,250, 90,241, 92,232, 95,226, 99,218,102,214,105,209,108,204
3050 DATA 111,201,114,194,117,191,120,191,123,189,126,189,130,192,134,192
3060 DATA 137,189,145,184,155,181,159,181,  0,  0
3070 DATA 125,217,123,211,123,207,126,201,131,195,134,192,  0,  0
3080 DATA 139,205,138,200,143,194,150,189,158,185,  0,  0
3090 DATA  94,250,101,240,109,231,119,222,125,217,139,205,152,196,165,188
3100 DATA 182,178,194,173,206,170,  0,  0
3110 DATA 115,250,125,240,136,230,149,219,165,207,180,198,185,190,187,190
3120 DATA 195,182,204,177,208,176,  0,  0
3130 DATA 195,195,201,189,208,176,213,170,218,167,221,167,225,169,226,171
3140 DATA 229,169,233,169,237,171,241,169,244,169,248,172,250,176,241,186
3150 DATA 233,196,227,205,221,218,215,234,212,246,211,250,  0,  0
3160 DATA 226,171,220,179,213,189,206,202,200,217,195,235,193,250,  0,  0
3170 DATA 237,171,229,181,223,191,216,204,207,221,200,237,195,250,  0,  0
3180 DATA 242,222,241,230,238,239,233,250,  0,  0
3190 DATA 171,250,173,244,173,235,176,229,176,223,177,219,176,213,176,206
3200 DATA 180,200,180,198,185,190,187,190,189,194,199,196,200,200,198,205
3210 DATA 197,210,191,216,186,219,187,225,187,228,188,235,191,242,192,250
3220 DATA   0,  0
3230 ' ｶﾐ ( ｺｲ ﾌﾞﾌﾞﾝ )
3240 DATA 131, 90,130, 96,129,103,130,105,131,105,132, 98,134, 88,  0,  0
3250 DATA 126, 89,126, 82,127, 78,130, 73,132, 70,135, 69,134, 71,134, 74
3260 DATA 137, 70,141, 66,147, 62,145, 60,149, 57,154, 54,160, 51,165, 49
3270 DATA 167, 50,166, 51,167, 52,172, 50,175, 50,177, 52,177, 53,172, 55
3280 DATA 166, 58,161, 62,156, 67,  0,  0
3290 DATA 153, 78,153, 75,155, 71,159, 67,162, 65,162, 66,  0,  0
3300 DATA 158, 87,156, 85,155, 80,157, 80,159, 76,157, 75,159, 72,162, 68
3310 DATA 164, 68,  0,  0
3320 DATA 170, 68,168, 68,166, 72,165, 76,165, 80,167, 84,169, 86,171, 86
3330 DATA 172, 83,172, 80,174, 75,176, 73,179, 71,184, 66,186, 62,186, 60
3340 DATA 184, 57,182, 57,179, 59,175, 63,173, 67,178, 65,178, 67,174, 70
3350 DATA 171, 75,170, 80,170, 83,168, 80,168, 75,170, 71,170, 68,  0,  0
3360 DATA 195, 66,193, 62,189, 59,189, 58,192, 58,202, 60,208, 63,214, 67
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3370 DATA 213, 68,214, 70,  0,  0
3380 DATA 198, 78,200, 82,205, 86,211, 90,215, 95,218,101,219,106,221,100
3390 DATA 221, 94,220, 90,  0,  0
3400 DATA 218, 72,218, 70,222, 72,227, 76,231, 81,  0,  0
3410 DATA 223, 92,225,101,225,110,223,123,  0,  0
3420 DATA 234,100,235,105,235,110,234,116,231,123,  0,  0
3430 DATA 243, 82,246, 86,247, 90,  0,  0
3440 DATA 238,103,239,108,239,111,237,119,233,126,231,131,231,134,233,137
3450 DATA 236,137,240,135,242,133,241,131,237,133,235,133,235,131,238,128
3460 DATA 242,122,244,116,245,108,  0,  0
3470 DATA 227,136,229,139,233,140,237,140,241,138,244,134,  0,  0
3480 DATA 225,141,227,144,230,147,233,148,235,148,238,146,231,145,230,143
3490 DATA 237,143,241,142,240,145,243,143,245,137,  0,  0
3500 DATA 205,156,208,158,213,158,209,153,208,149,  0,  0
3510 DATA 210,149,215,152,219,152,213,154,217,155,223,153,219,157,223,157
3520 DATA 228,155,231,151,  0,  0
3530 DATA 216, 62,225, 65,231, 68,236, 72,  0,  0
3540 DATA 149, 65,152, 60,155, 57,158, 55,160, 55,161, 57,159, 61,154, 66
3550 DATA   0,  0
3560 ' ｽｽﾞ
3570 DATA  83,209, 80,213, 79,216, 79,219, 81,220, 84,216, 85,217, 83,221
3580 DATA  83,224, 85,226, 91,226, 94,225, 94,223, 96,222, 98,217, 98,214
3590 DATA  96,210, 93,207, 91,207, 87,208, 86,207, 83,207, 83,209,  0,  0
3600 DATA  97,210, 96,210, 93,207, 92,204, 92,202, 96,202, 96,200, 92,200
3610 DATA  93,197, 96,195, 99,195, 99,193,102,193,102,195,105,197,107,201
3620 DATA 107,205,105,209,101,210,100,211, 97,210,  0,  0
3630 ' ｸﾓ
3640 DATA 130, 66,125, 58,120, 53,114, 49,111, 47,109, 44,108, 41,107, 34
3650 DATA 105, 25,100, 15, 93,  7, 84,  0, 92,  2, 98,  5,104, 10,109, 16
3660 DATA 113, 23,116, 33,116, 40,123, 43,130, 47,135, 52,139, 57,  0,  0
3670 DATA 138,188,134,181,129,175,122,169,114,164,113,152,111,143,108,134
3680 DATA 103,127, 97,122, 88,118, 77,115, 72, 98, 68, 88, 62, 81, 55, 75
3690 DATA  47, 70, 38, 67, 46, 74, 54, 82, 60, 91, 64,102, 67,116, 78,121
3700 DATA  88,128, 97,137,102,147,105,158,105,165,114,172,122,182,124,189
3710 DATA   0,  0
3720 DATA 223,161,226,164,228,169,  0,  0
3730 DATA 213,161,216,164,217,167,  0,  0
3740 DATA 263,217,269,221,275,227,279,234,283,244,284,250,  0,  0
3750 DATA 254,219,262,226,267,235,270,245,270,250,  0,  0,999,999
3760 '
3770 '  ﾍﾟｲﾝﾄ DATA
3780 '
3790 DATA 000011000044,   130, 76,131, 95,150, 60,157, 70,160, 75,180, 65
3800 DATA                 205, 65,210, 85,225, 77,230,110,230, 70,244, 90
3810 DATA                 155, 73,240,120,240,140,220,150,207,155,  0,  0
3820 DATA FFFFFF,         145,105,152,114,185,110,160,140,195,190,180,225
3830 DATA                 150,230,260,  5,290, 10,270, 30,310, 15,300, 35
3840 DATA                 210,165,100,100,140, 75,250,100,220, 80,250,230
3850 DATA                 100,214,  0,  0
3860 DATA AAFFAA55FF55,   152,122,170,150,290,150,300,190,220,140,  0,  0
3870 DATA EEFFEEBBFFBB,   300,160,150,195,  0,  0
3880 DATA 00FFEE00FFBB,   150, 49,240, 80,  0,  0
3890 DATA FF0055FF00AA,   150,110,190,105,  0,  0
3900 DATA 00AA00005500,   130,200,  0,  0
3910 DATA 00FF00,         120,210,275,  2,300, 20,160,200,  0,  0
3920 DATA FF0000,         210,180,  0,  0
3930 DATA FF00FF,         230,190,230,240,  0,  0
3940 DATA 00FFFF,         100,200, 90,215,  0,  0
3950 DATA FF66FFFF99FFFF99FFFF66FF,        220,165,270,230,100,130,110, 30
3960 DATA                                    0,  0
3970 DATA FF6600FF9900FF9900FF6600,        270,120,350,125,888,888
3980 '
3990 '  ﾗｲﾝ DATA (2)
4000 '
4010 ' ﾒ
4020 DATA   0
4030 DATA 153,102,151,102,150,104,149,107,150,111,152,113,  0,  0
4040 DATA 153,101,150, 96,147, 93,145, 93,143, 95,  0,  0
4050 DATA 139, 95,141, 97,  0,  0,139, 99,142,101,  0,  0
4060 DATA 138,101,141,103,  0,  0,138,104,141,105,  0,  0
4070 DATA 144, 86,145, 84,147, 83,149, 84,151, 88,149, 86,147, 84,145, 84
4080 DATA   0,  0
4090 DATA 176,103,178, 97,182, 93,185, 92,189, 92,193, 95,197,100,198,105
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4100 DATA   0,  0,198, 99,201, 96,  0,  0,199,102,202,100,203, 97,  0,  0
4110 DATA 194, 99,192,100,191,104,191,107,192,109,194,109,195,105,195,102
4120 DATA 194, 99,  0,  0,194, 94,197, 92,  0,  0,196, 96,200, 94,  0,  0
4130 DATA 178, 86,180, 83,183, 82,186, 84,187, 86,186, 86,184, 84,183, 82
4140 DATA   0,  0
4150 ' ｸﾁ ・ ﾐﾐ
4160 DATA 149,134,152,136,152,133,154,132,163,132,169,134,169,137,171,135
4170 DATA 173,135,  0,  0,155,151,157,152,159,152,  0,  0
4180 DATA 208,145,211,141,217,139,222,135,224,131,224,129,222,127,220,127
4190 DATA 218,130,  0,  0,215,134,217,133,219,136,217,139,  0,  0
4200 ' ｶｵ ﾉ ｶｹﾞ
4210 DATA 139,120,144,117,  0,  0,139,123,144,125,147,125,150,124,  0,  0
4220 DATA 154,110,159,107,162,107,169,110,173,114,178,118,181,119,  0,  0
4230 DATA 155,114,161,116,168,119,175,123,181,126,188,128,200,126,205,124
4240 DATA 205,122,203,120,198,120,193,119,  0,  0
4250 DATA 162, 83,161, 86,161, 89,163, 93,166, 96,171, 98,174, 98,172, 94
4260 DATA   0,  0,175, 79,176, 82,178, 86,182, 90,  0,  0
4270 DATA 198,106,201,111,205,116,209,120,210,123,208,129,205,135,203,139
4280 DATA 203,143,  0,  0
4290 DATA 159,165,165,164,174,162,186,160,193,158,195,158,196,160,193,163
4300 DATA 187,169,183,174,181,178,  0,  0
4310 ' ﾌｸ
4320 DATA 105,209,110,205,115,202,124,195,130,192,  0,  0
4330 DATA 111,201,116,198,124,195,  0,  0
4340 DATA  90,241,101,240,  0,  0
4350 DATA 191,185,193,179,195,175,197,172,  0,  0
4360 DATA 177,218,174,215,170,213,167,213,162,214,159,216,156,220,155,225
4370 DATA 155,228,156,232,159,235,163,237,167,237,173,235,  0,  0
4380 DATA 161,210,166,208,170,208,175,210,176,211,  0,  0
4390 DATA 151,218,150,224,150,229,152,234,155,238,160,241,163,242,168,242
4400 DATA 173,240,  0,  0,170,204,176,206,  0,  0
4410 DATA 125,240,140,238,146,238,160,241,172,245,  0,  0
4420 DATA 177,219,181,218,186,219,  0,  0,176,229,180,226,187,225,  0,  0
4430 DATA 181,215,191,205,189,203,187,205,  0,  0
4440 DATA 173,244,177,236,182,230,187,225,  0,  0
4450 DATA 185,229,186,234,186,239,184,246,182,249,  0,  0
4460 DATA 212,246,214,250,  0,  0,221,250,226,245,230,240,  0,  0
4470 DATA 193,214,197,215,201,213,  0,  0
4480 DATA 215,206,219,206,222,208,223,213,  0,  0
4490 DATA 199,240,203,243,206,247,207,250,  0,  0
4500 DATA 236,225,233,233,234,235,234,239,232,245,229,250,  0,  0
4510 DATA 181,218,179,221,176,226,  0,  0,186,219,184,222,182,226,  0,  0
4520 ' ﾁ
4530 DATA 300, 51,295, 59,297, 62,297, 65,301, 65,300, 68,302, 71,309, 68
4540 DATA 316, 64,324, 63,  0,  0,297, 62,302, 57,310, 53,317, 50,  0,  0
4550 DATA 301, 65,308, 60,316, 57,322, 56,  0,  0
4560 DATA 309, 68,306, 73,306, 76,310, 80,313, 80,313, 75,315, 81,  0,  0
4570 DATA 310, 76,318, 71,322, 70,  0,  0,319, 79,317, 72,  0,  0
4580 DATA 318, 71,318, 73,321, 77,  0,  0
4590 ' ｽｽﾞ
4600 DATA  83,209, 86,211, 89,215, 91,221, 91,226,  0,  0
4610 DATA  86,207, 89,210, 92,215, 94,223,  0,  0
4620 DATA  99,195,100,199,100,203, 97,210,  0,  0
4630 DATA 102,195,103,199,103,203,100,211,  0,  0
4640 ' ﾂﾉ
4650 DATA 149, 49,151, 49,153, 47,  0,  0
4660 DATA 237, 73,237, 77,239, 81,242, 83,  0,  0,999,999
4670 '
4680 '  ﾍﾟｲﾝﾄ DATA (2)
4690 '
4700 DATA EEFFEEBBFFBB,   140,110,170,100,177, 90,180,140,  0,  0
4710 DATA 00FFAA00FF55,   317, 80,  0,  0
4720 DATA 11FF1144FF44,   160,140,  0,  0
4730 DATA 00FF00,         120,210,100,235,152,225,185,210,180,240
4740 DATA                 180,222,  0,  0
4750 DATA FF0000,         175,203, 95,245,150,245,  0,  0
4760 DATA FFFFFF,         110,210,190,230,210,230,236,235,  0,  0
4770 DATA 00AA00005500,   150,205,  0,  0
4780 DATA 000000,         152,105,193,105,  0,  0
4790 DATA 110000440000,   120,194,888,888
4800 '
4810 '  ﾗｲﾝ  ・ ﾍﾟｲﾝﾄ DATA (3)
4820 '
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4830 ' ﾌｸ
4840 DATA   0
4850 DATA  93,231, 96,233,103,233,109,231,  0,  0
4860 DATA 115,225,117,221,117,215,116,210,113,205,118,207,123,207,  0,  0
4870 DATA 102,214,107,210,110,208,115,202,  0,  0,999,999
4880 DATA 00FF00, 110,220,888,888,  0
4890 DATA 110,208,109,211,105,217, 99,222, 95,226, 99,229,103,229,109,226
4900 DATA 113,220,113,215,112,211,110,208,  0,  0,999,999
4910 DATA FFFFFF, 105,220,  0,  0
4920 DATA FF0000, 123,200,999,999
4930 '
4940 '  ﾗｲﾝ ｻｲｼｮﾘ DATA
4950 '
4960 ' ﾒ
4970 DATA FFFF, 7
4980 DATA 144,117,142,111,141,105,  0,  0
4990 DATA 176, 98,176,103,176,107,177,112,179,116,  0,  0
5000 DATA 195,116,197,112,198,105,  0,  0
5010 ' ﾊﾅ ・ ｶｹﾞ
5020 DATA 150,124,152,125,154,123,155,121,  0,  0
5030 DATA 139,120,144,117,  0,  0,139,123,144,125,147,125,150,124,  0,  0
5040 DATA 154,110,159,107,162,107,169,110,173,114,178,118,181,119,  0,  0
5050 DATA 155,114,161,116,168,119,175,123,181,126,188,128,200,126,205,124
5060 DATA 205,122,203,120,198,120,193,119,  0,  0
5070 DATA 162, 83,161, 86,161, 89,163, 93,166, 96,171, 98,174, 98,172, 94
5080 DATA   0,  0,175, 79,176, 82,178, 86,182, 90,  0,  0
5090 DATA 198,106,201,111,205,116,209,120,210,123,208,129,205,135,203,139
5100 DATA 203,143,  0,  0,159,165,165,164,  0,  0,174,162,186,160,  0,  0
5110 DATA 196,160,193,163,187,169,183,174,181,178,  0,  0
5120 DATA 288,165,295,161,299,157,301,152,301,148,297,139,294,130,292,119
5130 DATA 291,105,290, 90,289, 83,287, 78,285, 75,281, 73,  0,  0
5140 DATA 229,202,250,194,268,187,290,180,307,175,316,173,319,173,321,175
5150 DATA 888,888
5160 DATA AAAA, 2
5170 DATA 150,124,152,125,154,123,155,121,  0,  0
5180 DATA 139,120,144,117,  0,  0,139,123,144,125,147,125,150,124,  0,  0
5190 DATA 154,110,159,107,162,107,169,110,173,114,178,118,181,119,  0,  0
5200 DATA 155,114,161,116,168,119,175,123,181,126,188,128,200,126,205,124
5210 DATA 205,122,203,120,198,120,193,119,  0,  0
5220 DATA 162, 83,161, 86,161, 89,163, 93,166, 96,171, 98,174, 98,172, 94
5230 DATA   0,  0,175, 79,176, 82,178, 86,182, 90,  0,  0
5240 DATA 198,106,201,111,205,116,209,120,210,123,208,129,205,135,203,139
5250 DATA 203,143,  0,  0,159,165,165,164,  0,  0,174,162,186,160,  0,  0
5260 DATA 196,160,193,163,187,169,183,174,181,178,  0,  0
5270 DATA 288,165,295,161,299,157,301,152,301,148,297,139,294,130,292,119
5280 DATA 291,105,290, 90,289, 83,287, 78,285, 75,281, 73,  0,  0
5290 DATA 229,202,250,194,268,187,290,180,307,175,316,173,319,173,321,175
5300 DATA 888,888
5310 ' ﾊﾁﾏｷ
5320 DATA 7777, 0
5330 DATA 127,103,125, 95,126, 89,  0,  0,140, 80,144, 72,146, 77,  0,  0
5340 DATA 131, 90,133, 84,135, 79,138, 73,  0,  0,191, 76,195, 66,888,888
5350 DATA 5555, 0
5360 DATA 198, 78,202, 74,208, 70,  0,  0,212, 82,217, 79,223, 77,  0,  0
5370 DATA 229, 95,228, 91,240, 92,  0,  0,245,108,245,104,248,103,  0,  0
5380 DATA 247,109,251,105,  0,  0
5390 DATA 274, 55,285, 58,  0,  0,274, 52,287, 55,  0,  0
5400 DATA 278, 47,289, 52,  0,  0,281, 44,291, 49,  0,  0
5410 DATA 284, 39,292, 46,  0,  0,288, 37,294, 44,  0,  0
5420 DATA 292, 35,297, 44,  0,  0,296, 33,299, 42,  0,  0
5430 DATA 299, 32,300, 40,  0,  0,302, 31,302, 38,  0,  0
5440 DATA 306, 30,305, 47,  0,  0,310, 30,307, 44,  0,  0
5450 DATA 313, 31,309, 43,  0,  0,317, 31,310, 44,  0,  0
5460 DATA 321, 32,312, 45,  0,  0,325, 32,314, 46,  0,  0
5470 DATA 329, 35,316, 47,  0,  0,332, 38,318, 48,888,888
5480 DATA AAAA, 4
5490 DATA 122,106,124,105,126,107,125,109,  0,  0
5500 DATA 121,104,124,101,126,104,  0,  0,122, 96,123,100,125, 98,  0,  0
5510 DATA 124, 92,125, 95,  0,  0,125, 91,129, 89,130, 91,  0,  0
5520 DATA 127, 85,132, 83,132, 76,  0,  0,128, 83,130, 82,130, 79,  0,  0
5530 DATA 135, 79,134, 78,135, 74,  0,  0,135, 79,139, 76,138, 73,  0,  0
5540 DATA 134, 82,135, 86,  0,  0,137, 85,136, 81,141, 77,  0,  0
5550 DATA 142, 69,142, 73,143, 73,  0,  0,144, 74,146, 74,145, 71,  0,  0
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5560 DATA 143, 77,146, 77,148, 71,147, 68,  0,  0
5570 DATA 149, 66,151, 69,151, 72,  0,  0,153, 66,154, 69,  0,  0
5580 DATA 179, 72,184, 71,188, 77,  0,  0,180, 75,183, 74,184, 77,  0,  0
5590 DATA 183, 68,187, 69,188, 64,  0,  0,195, 68,200, 69,203, 67,  0,  0
5600 DATA 193, 73,198, 71,200, 76,  0,  0,195, 74,198, 74,198, 77,  0,  0
5610 DATA 200, 72,206, 68,  0,  0,202, 74,203, 80,206, 79,205, 73,  0,  0
5620 DATA 207, 72,208, 76,216, 72,217, 79,  0,  0
5630 DATA 209, 71,210, 73,213, 71,  0,  0,207, 81,214, 77,215, 80,  0,  0
5640 DATA 218, 74,220, 78,  0,  0,213, 82,222, 80,223, 87,229, 83,  0,  0
5650 DATA 215, 85,219, 83,220, 87,  0,  0,224, 91,230, 86,231, 90,  0,  0
5660 DATA 234, 91,232, 87,236, 86,  0,  0,231, 95,236, 93,238, 99,  0,  0
5670 DATA 239, 94,241, 98,245, 96,  0,  0,250,112,252,115,  0,  0
5680 DATA 240,103,245,100,243,106,  0,  0,258,112,257,117,262,119,  0,  0
5690 DATA 247,115,250,109,255,112,253,118,247,115,  0,  0
5700 DATA 249,116,250,122,244,126,  0,  0,246,118,247,120,245,123,  0,  0
5710 DATA 243,130,249,126,254,135,250,140,  0,  0
5720 DATA 254,127,258,122,263,131,257,133,255,129,  0,  0
5730 DATA 245,134,248,132,250,136,247,138,  0,  0
5740 DATA 257,127,258,130,260,129,  0,  0,260,139,266,134,269,140,  0,  0
5750 DATA 267,122,265,126,270,130,  0,  0,264,141,266,140,268,143,  0,  0
5760 DATA 269,133,272,140,  0,  0,249, 92,255, 90,  0,  0
5770 DATA 263, 90,264, 94,268, 93,  0,  0,259, 89,260, 98,268, 97,  0,  0
5780 DATA 245, 94,248, 93,249, 98,  0,  0,249, 96,253, 95,254, 99,  0,  0
5790 DATA 249,100,254,103,254,106,  0,  0,257,103,263,101,265,106,  0,  0
5800 DATA 259,105,262,105,263,110,  0,  0,257,107,259,112,888,888
5810 ' ﾌｸ
5820 DATA FFFF, 5
5830 DATA 215,206,219,206,222,208,223,213,  0,  0
5840 DATA 199,240,203,243,206,247,207,250,  0,  0
5850 DATA 236,225,233,233,234,235,234,239,232,245,229,250,  0,  0
5860 ' ｸﾓ
5870 DATA 130, 66,125, 58,120, 53,114, 49,111, 47,109, 44,108, 41,107, 34
5880 DATA 105, 25,100, 15, 93,  7, 84,  0, 92,  2, 98,  5,104, 10,109, 16
5890 DATA 113, 23,116, 33,116, 40,123, 43,130, 47,135, 52,139, 57,  0,  0
5900 DATA 138,188,134,181,129,175,122,169,114,164,113,152,111,143,108,134
5910 DATA 103,127, 97,122, 88,118, 77,115, 72, 98, 68, 88, 62, 81, 55, 75
5920 DATA  47, 70, 38, 67, 46, 74, 54, 82, 60, 91, 64,102, 67,116, 78,121
5930 DATA  88,128, 97,137,102,147,105,158,105,165,114,172,122,182,125,189
5940 DATA   0,  0
5950 DATA 223,161,226,164,228,169,  0,  0
5960 DATA 213,161,216,164,217,167,  0,  0
5970 DATA 263,217,269,221,275,227,279,234,283,244,284,250,  0,  0
5980 DATA 254,219,262,226,267,235,270,245,270,250,888,888
5990 DATA FFFF, 7
6000 DATA 151,106,151,108,152,109,153,108,153,106,152,105,151,106,  0,  0
6010 DATA 152,105,152,108,  0,  0
6020 DATA 194,102,194,104,195,104,195,102,194,102,888,888
6030 ' ﾓﾖｳ
6040 DATA FFFF, 0
6050 DATA 156,230,158,231,160,234,164,232,163,235,165,235,169,232,171,232
6060 DATA 173,234,  0,  0,157,219,158,222,  0,  0,159,217,162,220,  0,  0
6070 DATA 158,231,157,226,158,222,160,222,162,220,165,219,168,220,170,222
6080 DATA 173,221,175,223,  0,  0,168,220,170,216,173,221,  0,  0
6090 DATA 160,227,162,229,162,230,159,230,158,228,160,227,  0,  0
6100 DATA 165,230,168,230,170,229,169,227,167,227,165,229,165,230,  0,  0
6110 DATA 109,211,110,214,109,218,110,220,110,222,108,225,108,226,104,224
6120 DATA 101,226, 98,226, 97,228,  0,  0, 99,222,101,224,101,226,  0,  0
6130 DATA 106,216,108,215,109,216,108,217,106,216,999,999
6140 '
6150 '  ｻｰｸﾙ DATA
6160 '
6170 DATA   1,  1,  7,  7,999,999
6180 '
6190 '
6200 '┌──────────────────────────────────────────────────────────────┐
6210 '│                                                              │
6220 '│      ｳﾙｾｲ  ﾔﾂﾗ   ( LUM )                FOR   PC-8801  mk 2  │
6230 '│                                                              │
6240 '│                                          1984年 7月 15日     │
6250 '│                                                              │
6260 '│ Copyright    ﾀｶﾊｼ ﾙﾐｺ  /  ｼｮｳｶﾞｸｶﾝ  ,  ﾌｼﾞﾃﾚﾋﾞ  ,  ｷﾃｨ ﾌｲﾙﾑ  │
6270 '│                                                              │
6280 '└──────────────────────────────────────────────────────────────┘
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うる星やつら ウエディングラム

PC—8801/mkII

大島一夫

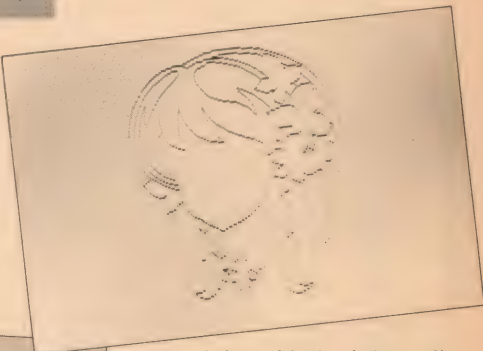
ウエディングラムちゃんがウインク!!

ウエディング姿のラムちゃんも今では、多くのCGファンに描かれている絵の1つです。

この作品は、ラムの目の部分を描きなおしており、GET@、PUT@文でおきかえることによって、ウエディング姿のラムちゃんがウインクするようになっています。しかし、PC—8801のグラフィック・スピードではややおそすぎてしまうのがとても残念です。

このプログラムを、RS—232Cを通して、PC—9801に送ってRUNさせたら、本当にウインクしているように見えるでしょう。

全体としては、とてもシンプルに仕上がっています。しかし、白い部分が多すぎたために、ボーっとした感じがします。

また、そのために絵の中の一番濃い部分である髪がめだってしまったようです。そして、背景に使っている淡い中間色と黄色は、とても明るくてキレイなのですが、もう少し色を濃く落として、遠近感を出したなら、もっとよい作品になったように思います。

いろいろなCGの絵でもいえることなのですが、大半は、動きのない人物の顔のアップとかバストアップが多いようです。もっと動きのあるオリジナリティーの強い作品が描けると、きっとすばらしい作品になると思います。また、絵にとって、バックはとてもだいじな場所です。メインになる人物と同じくらい、バックの処理にも気を配ってみましょう。そうすれば、グッとハイセンスで、ハイレベルなCG作品になり、満足のいくものになるはずです。

たまたま、この部分で、こんな話となってしまいましたが、みなさんも、もっとガンバッて、どんどんよいCG作品をつくっていくよう心がけてください!!

うる星やつら ウエディングラム プログラムリスト

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1000 'ｼｮｷｾｯﾃｲ
1010 CONSOLE 0,25,0,1:WIDTH 80,25:DIM A%(896),B%(896),C%(896)
1020 SCREEN 0,3:CLS 3:FOR C=0 TO 7:COLOR=(C,C):NEXT:SCREEN 0,0
1030 COLOR 7,7,0:CLS 3:COLOR 7,0,0
1040 WINDOW (35,0)-(435,250)
1050 'ﾗｲﾝ
1060 READ X,Y:IF X=999 AND Y=999 THEN GOTO 1110
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1070 PSET (X,Y),0
1080 READ X,Y:IF X=0 AND Y=0 THEN GOTO 1060
1090 LINE-(X,Y),0
1100 GOTO 1080
1110 'ｻｰｸﾙ 1
1120 READ X,Y,R:IF X=999 AND Y=999 THEN GOTO 1150
1130 R=R/2:CIRCLE(X,Y),R,0
1140 GOTO 1120
1150 'ﾍﾟｲﾝﾄ
1160 READ C$
1170 READ X,Y
1180 IF X=  0 THEN 1160 ELSE IF Y=999 THEN GOTO 1230
1190 TL$="":FOR I=1 TO LEN(C$) STEP 2:T=VAL("&H"+MID$(C$,I,2))
1200 TL$=TL$+CHR$(T):NEXT
1210 PAINT(X,Y),TL$,0
1220 GOTO 1170
1230 READ X,Y,Z:IF X=999 AND Y=999 THEN GOTO 1260
1240 PAINT(X,Y),Z,0
1250 GOTO 1230
1260 'ｻｰｸﾙ 2
1270 READ X,Y,R,Z,S
1280 IF X=999 AND Y=999 THEN GOTO 1310
1290 CIRCLE(X,Y),R,Z,,,S:PAINT(X,Y),Z,Z
1300 GOTO 1270
1310 'ﾗｲﾝｻｲｼｮﾘ
1320 READ X,Y,Z:IF X=999 AND Y=999 THEN GOTO 1370
1330 PSET (X,Y),Z
1340 READ X,Y:IF X=0 AND Y=0 THEN GOTO 1320
1350 LINE-(X,Y),Z
1360 GOTO 1340
1370 'ﾗｲﾝ ｽﾀｲﾙ
1380 READ X,Y,Z:IF X=999 AND Y=999 THEN GOTO 1440
1390 PSET (X,Y),Z
1400 READ A$:A=VAL("&H"+A$)
1410 READ X,Y:IF X=0 AND Y=0 THEN GOTO 1380
1420 LINE-(X,Y),Z,,A
1430 GOTO 1410
1440 'ｻｰｸﾙ 3
1450 READ X,Y,R,W,Z
1460 IF X=999 THEN 1490 ELSE IF Y=999 THEN 1530 ELSE IF R= 90 THEN 1560
1470 CIRCLE(X,Y),R,Z:PAINT(X,Y),W,Z
1480 GOTO 1450
1490 'ﾒ ｦ ｳｺﾞｶｽ
1500 GET@(224, 68)-(355,102),A%
1510 LINE(175, 85)-(257,128),7,BF
1520 GOTO 1050
1530 GET@(224, 68)-(355,102),B%
1540 LINE(175, 85)-(257,128),7,BF
1550 GOTO 1050
1560 GET@(224, 68)-(355,102),C%
1570 PUT@(224, 68),A%,PSET
1580 FOR I=1 TO 1000
1590 NEXT I
1600 PUT@(224, 68),C%,PSET
1610 FOR I=1 TO 50
1620 NEXT I
1630 PUT@(224, 68),B%,PSET
1640 FOR I=1 TO  2
1650 NEXT
1660 PUT@(224, 68),C%,PSET
1670 GOTO 1570
2000 'ｶﾐ
2010 DATA 177, 69,176, 73,176, 77,177, 83,179, 89,182, 94,185, 96,189, 98
2020 DATA 194, 99,192, 95,191, 90,190, 84,191, 75,192, 68,194, 63,192, 68
2030 DATA 194, 73,196, 78,199, 83,202, 87,206, 90,211, 93,216, 95,226, 97
2040 DATA 223, 94,220, 90,215, 81,212, 74,211, 68,215, 75,219, 80,224, 84
2050 DATA 231, 89,239, 93,245, 95,250, 97,256,100,258,102,260,106,261,110
2060 DATA   0,  0
2070 DATA 261,115,262,125,263,128,  0,  0
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2080 DATA 186,129,184,129,175,125,168,121,163,117,159,112,155,105,153, 99
2090 DATA 151, 88,151, 81,153, 70,156, 63,160, 56,164, 50,170, 44,176, 40
2100 DATA 182, 37,187, 35,193, 34,198, 34,202, 37,211, 33,220, 31,224, 31
2110 DATA 231, 32,239, 34,246, 37,253, 40,259, 44,263, 48,  0,  0
2120 DATA 220, 31,230, 29,240, 29,250, 30,259, 32,264, 34,  0,  0
2130 DATA 198, 34,204, 31,210, 29,218, 27,228, 25,242, 25,253, 26,261, 28
2140 DATA 271, 31,282, 36,288, 40,296, 45,302, 52,306, 57,311, 65,315, 74
2150 DATA 318, 85,319, 92,319,103,318,110,316,118,313,126,310,132,306,140
2160 DATA   0,  0
2170 DATA 185,126,179,124,172,120,166,115,162,110,158,102,156, 95,155, 88
2180 DATA 155, 82,157, 73,160, 64,164, 58,168, 53,173, 48,177, 45,183, 41
2190 DATA 187, 39,190, 38,194, 38,195, 40,194, 42,191, 45,184, 50,179, 55
2200 DATA 175, 60,171, 66,168, 73,166, 79,164, 74,164, 71,166, 62,163, 68
2210 DATA 160, 77,159, 84,159, 87,160, 94,162,102,165,108,169,113,175,118
2220 DATA 180,121,183,122,  0,  0
2230 DATA 268, 77,266, 74,262, 70,258, 66,254, 63,249, 60,245, 58
2240 DATA 241, 57,241, 58,242, 59,245, 61,248, 64,251, 69,253, 72,254, 76
2250 DATA 254, 79,251, 75,248, 72,245, 70,241, 68,238, 67,230, 65,223, 63
2260 DATA 218, 60,214, 57,211, 53,208, 48,207, 44,208, 40,210, 38,216, 36
2270 DATA 219, 34,222, 34,229, 35,238, 38,245, 40,252, 45
2280 DATA 258, 49,261, 53,  0,  0
2290 DATA 261,115,262,125,263,128,260,131,257,135,255,141,255,143,256,148
2300 DATA 259,153,256,148,254,155,254,163,256,170,  0,  0
2310 DATA 270,129,267,134,266,139,266,144,269,141,273,139,271,142,270,145
2320 DATA 271,150,274,153,  0,  0
2330 DATA 285,132,287,135,288,139,287,143,285,148,  0,  0
2340 DATA 257,165,256,170,256,174,258,180,262,187,  0,  0
2350 DATA 270,161,267,165,266,170,267,176,269,173,273,171,271,175,271,177
2360 DATA 273,181,275,184,  0,  0
2370 DATA 285,153,288,157,290,164,290,169,288,176,285,182,  0,  0
2380 DATA 263,193,260,197,259,201,259,205,261,211,265,215,270,217,273,217
2390 DATA 279,215,282,213,285,209,288,200,288,197,287,190,285,186,  0,  0
2400 DATA 273,192,270,196,268,201,268,204,270,209,273,211,277,212,282,211
2410 DATA 285,209,  0,  0
2420 DATA 283, 67,279, 63,279, 66,282, 74,279, 66,278, 69,274, 74,275, 74
2430 DATA 274, 71,270, 70,269, 67,270, 64,268, 62,270, 64,271, 61
2440 DATA 273, 59,271, 61,268, 62,265, 63,261, 62,258, 60,255, 59,257, 57
2450 DATA 259, 54,262, 52,267, 51,263, 48,261, 43,261, 40,263, 37,264, 34
2460 DATA 265, 33,268, 33,276, 37,279, 41,284, 44,278, 41,280, 45
2470 DATA 280, 48,280, 45,284, 44,289, 44,291, 45,294, 45,293, 48,293, 51
2480 DATA 291, 55,288, 57,286, 58,284, 58,286, 58,289, 60,  0,  0
2490 DATA 273,103,270,101,267,100,269, 98,271, 93,274, 91,278, 90,281, 90
2500 DATA 278, 90,274, 91,271, 91,267, 87,264, 81,262, 78,268, 77,271, 76
2510 DATA 275, 74,281, 74,285, 76,287, 78,285, 76,283, 72,283, 67,286, 63
2520 DATA 289, 60,293, 59,297, 59,300, 58,300, 61,302, 65,305, 70,306, 73
2530 DATA 305, 77,302, 80,299, 82,304, 83,308, 86,310, 90,314, 93,311, 96
2540 DATA 308,100,303,101,296, 99,293, 95,296, 99,298,102,298,105,296,108
2550 DATA 296,110,291,108,  0,  0
2560 DATA 259,111,261,110,266,107,270,107,273,109,273,103,276, 98,280, 97
2570 DATA 284, 97,288, 95,288, 98,290,101,291,105,291,108,287,112,290,112
2580 DATA 293,104,299,125,301,127,297,127,292,129,288,129,286,127,284,123
2590 DATA 286,127,286,130,285,132,284,136,282,134,277,132,275,129,275,124
2600 DATA 273,128,270,129,263,128,265,123,271,119,265,118,261,115,259,111
2610 DATA   0,  0
2620 DATA 293, 51,300, 58,305, 65,309, 73,312, 82,314, 93,314,100,313,109
2630 DATA 312,107,310,106,308,107,306,110,304,116,304,120,305,121,307,121
2640 DATA 310,118,305,130,299,141,  0,  0
2650 DATA 300,147,302,151,303,157,302,164,300,170,297,176,292,183,  0,  0
2660 DATA 307,144,310,150,311,156,310,162,307,170,304,176,300,180,295,183
2670 DATA   0,  0
2680 DATA 293,187,294,190,293,193,  0,  0
2690 DATA 164,119,162,120,160,122,158,123,160,125,162,129,165,132,170,134
2700 DATA 175,133,173,134,171,138,171,141,173,144,174,147,177,146,181,145
2710 DATA   0,  0
2720 DATA 187,139,183,142,180,147,179,152,179,157,181,164,  0,  0
2730 DATA 182,171,180,174,179,178,179,182,180,186,182,189,  0,  0
2740 DATA 201,155,204,161,204,163,202,165,198,161,200,167,200,170,199,174
2750 DATA   0,  0,209,160,210,164,209,168,207,172,205,175,  0,  0
2760 DATA 197,178,200,183,200,185,197,185,200,191,200,196,  0,  0
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2770 DATA 200,199,199,203,197,207,193,209,189,209,  0,  0
2780 DATA 215,163,215,170,214,174,212,178,208,182,  0,  0
2790 DATA 205,178,208,181,210,184,210,189,209,193,207,196,  0,  0
2800 DATA 206,200,208,203,208,206,207,209,205,211,199,213,197,213,193,212
2810 DATA 189,209,186,205,184,200,184,195,  0,  0
2820 'ｶｵ ｸﾋﾞﾏﾜﾘ
2830 DATA 177, 83,173, 90,172, 95,172,101,174,107,178,114,181,118,184,123
2840 DATA 186,128,187,135,188,141,190,146,194,151,201,155,207,159,215,163
2850 DATA 216,164,217,164,223,162,231,159,241,154,247,150,253,145,  0,  0
2860 DATA 215,163,215,170,214,174,212,178,208,182,  0,  0
2870 DATA 210,189,212,185,216,183,219,181,219,184,220,188,219,191,217,193
2880 DATA 213,194,217,196,217,197,  0,  0
2890 DATA 207,207,209,207,211,204,211,200,213,202,215,202,217,200,  0,  0
2900 DATA 215,198,217,200,219,203,222,203,224,201,222,203,223,207,225,210
2910 DATA 228,207,230,203,230,207,234,210,235,205,233,202,236,203,238,203
2920 DATA 241,201,239,198,235,196,232,197,234,193,233,189,230,187,228,184
2930 DATA 226,187,223,189,222,193,224,196,220,195,215,198,  0,  0
2940 DATA 239,198,242,196,247,195,250,197,247,195,245,192,245,189,248,185
2950 DATA 252,188,254,191,254,194,255,191,258,190,261,191,  0,  0
2960 DATA 241,201,243,203,246,203,249,201,248,203,248,205,251,208,253,205
2970 DATA 253,202,256,205,259,205,259,201,256,198,260,197,  0,  0
2980 'ﾒ ﾊﾅ ｸﾁ
2990 DATA 182,109,183,111,184,113,191,124,192,125,195,126,199,127,204,125
3000 DATA 205,123,205,118,204,115,200,111,196,109,192,108,186,108,182,109
3010 DATA 182,106,189,104,195,106,198,107,201,110,204,115,201,110,199,105
3020 DATA 195,103,190,102,187,102,182,103,182,106,  0,  0
3030 DATA 251,100,247, 98,242, 97,237, 98,232,101,227,103,228,107,230,110
3040 DATA 231,119,233,123,238,125,241,125,246,123,251,119,252,112,252,103
3050 DATA 251,100,252,103,249,101,245,100,240,100,236,102,231,104,228,107
3060 DATA 230,110,233,107,236,105,241,103,244,103,252,106,  0,  0
3070 DATA 210,129,208,133,206,134,206,135,207,137,210,140,214,140,215,137
3080 DATA 213,134,209,135,206,135,  0,  0
3090 DATA 210,129,208,133,206,134,206,135,207,137,210,140,214,140,215,137
3100 DATA 213,134,209,135,206,135,  0,  0
3110 DATA 211,146,214,148,216,148,220,146,  0,  0
3120 DATA 215,152,218,152,  0,  0
3130 'ﾖｳﾌｸ
3140 DATA 180,186,175,189,160,191,146,196,143,199,141,203,139,209,122,231
3150 DATA 107,250,  0,  0
3160 DATA 160,191,164,204,166,214,168,225,167,229,162,241,161,244,161,247
3170 DATA 162,250,  0,  0
3180 DATA 168,225,200,223,223,224,260,227,288,231,  0,  0
3190 DATA 288,192,293,193,300,198,  0,  0
3200 DATA 293,250,293,243,292,237,290,233,288,231,288,225,290,215,294,206
3210 DATA 297,201,300,198,304,197,307,197,310,199,314,205,315,210,318,211
3220 DATA 321,213,323,217,325,223,325,226,329,228,333,233,336,240,338,250
3230 DATA   0,  0
3240 'ﾚｰｽ
3250 DATA 193, 34,204, 27,215, 23,226, 20,235, 19,249, 19,260, 21,270, 23
3260 DATA 278, 26,287, 30,296, 35,306, 42,314, 50,323, 60,330, 70,337, 82
3270 DATA 344, 99,348,114,355,152,364,250,  0,  0
3280 DATA  72,250, 95,201,112,170,155,105,  0,  0
3290 'ﾂﾉ
3300 DATA 246, 37,250, 35,253, 34,255, 35,256, 38,256, 43,  0,  0,999,999
4000 'ｶﾐﾄﾞﾒ ｻｰｸﾙ 1
4010 DATA 181,166,  4,184,169,  5,189,171,  6,193,174,  4,197,175,  5
4020 DATA 202,176,  6,207,176,  4,182,191,  4,186,193,  6,192,195,  7
4030 DATA 198,196,  5,203,198,  5,207,198,  4
4040 DATA 257,162,  6,258,156,  5,264,158,  7,271,157,  7,277,154,  7
4050 DATA 283,151,  6,289,148,  7,295,146,  6,300,144,  5,305,142,  5
4060 DATA 262,189,  4,266,191,  5,272,189,  7,277,186,  6,283,184,  6
4070 DATA 289,184,  6,294,185,  4,999,999,0
5000 'ﾍﾟｲﾝﾄ
5010 DATA 0000AA000055,               170, 60,240, 50,205,167,205,187,200,207
5020 DATA                             265,150,260,175,265,205,256,153,255,165
5030 DATA                             256,153,  0,  0
5040 DATA 0000CC000033,               210,172,  0,  0
5050 DATA 000077000EE0000DD0000BB,    250, 32,281, 44,293, 57,307, 80,300,120
5060 DATA                             295,165,290,190,281, 68,  0,  0
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5070 DATA 0000FF,                   200, 70,265,120,270, 62,280, 71,280,140
5080 DATA                           280,170,280,200,190,160,190,185,190,205
5090 DATA                             0,  0
5100 DATA AAAAFF5555FF,             282, 40,250, 28,300, 54,305,165,  0,  0
5110 DATA CCFFCC33FF33,             211,137,  0,  0
5120 DATA 77FFFFEEFFFFDDFFFFBBFFFF,  200,130,235,215,  0,  0
5130 DATA FF77FFFFEEFFFFDDFFFFBBFF,  270, 50,290, 85,280,120,180,135,  0,  0
5140 DATA BBFFBB77FF77EEFFEEDDFFDD,  215,190,230,200,253,200,209,202,  0,  0
5150 DATA FF00FF,                   232,102,190,103,  0,  0
5160 DATA 00FFFF,                   253, 38,  0,  0
5170 DATA DDFFDDB6FFB66DFF6D,       235, 10,999,999
5180 DATA 190,107,  0,235,104,  0,999,999,  0
6000 'ｻｰｸﾙ 2
6010 DATA 247,113,4.5,  1,1.0,198,118,4.5,  1, .8
6020 DATA 247,114,1.7,  0,1.0,199,121,1.7,  0, .8
6030 DATA 246,111,  1,  7,1.0,200,114,  1,  7, .8
6040 DATA 999,999,  0,  0,  0
7000 'ﾗｲﾝｻｲｼｮﾘ
7010 DATA 184,113,  7,184,113,191,124,  0,  0,182,103,  7,182,106,  0,  0
7020 DATA 204,115,  7,205,118,205,123,  0,  0,199,105,  7,201,110,  0,  0
7030 DATA 230,110,  7,231,119,233,123,  0,  0,227,104,  7,228,107,  0,  0
7040 DATA 252,106,  7,252,112,251,119,  0,  0,251,100,  7,252,103,  0,  0
7050 DATA 210,140,  7,214,140,215,137,213,134,209,135,  0,  0
7060 DATA 180, 97,  0,185, 96,  0,  0,222, 93,  0,226, 90,231, 89,  0,  0
7070 DATA 180,111,  0,183,111,  0,  0,246,101,  0,249, 97,  0,  0
7080 DATA 179,107,  0,183,109,  0,  0,249,101,  0,251, 99,  0,  0
7090 DATA 179,103,  0,182,106,  0,  0,252,103,  0,255,101,  0,  0
7100 DATA 182,102,  0,184,106,  0,  0,252,106,  0,256,104,  0,  0
7110 DATA 185,101,  0,187,105,  0,  0,253,108,  0,255,107,  0,  0
7120 DATA 251,119,  0,253,120,  0,  0,250,120,  0,252,121,  0,  0
7130 DATA 230,110,  7,231,119,  0,  0
7140 DATA 182,103,  1,187,102,190,102,195,103,199,105,  0,  0
7150 DATA 227,104,  1,232,100,237, 98,242, 97,247, 98,251,100,  0,  0
7160 DATA 275, 51,  1,275, 54,277, 56,280, 55,  0,  0
7170 DATA 289, 82,  1,288, 85,288, 87,290, 90,  0,  0
7180 DATA 277,113,  1,277,116,279,119,282,119,  0,  0
7190 DATA 276, 49,  4,277, 52,277, 54,  0,  0,278, 53,  4,282, 49,  0,  0
7200 DATA 279, 54,  4,283, 53,  0,  0,290, 87,  4,293, 85,294, 80,  0,  0
7210 DATA 291, 88,  4,296, 86,  0,  0,279,115,  4,282,112,283,108,  0,  0
7220 DATA 282,115,  4,285,112,  0,  0,279,117,  4,282,117,  0,  0
7230 DATA 193, 34,  7,204, 27,215, 23,226, 20,235, 19,249, 19,260, 21,270, 23
7240 DATA 278, 26,287, 30,296, 35,306, 42,314, 50,323, 60,330, 70,337, 82
7250 DATA 344, 99,348,114,355,152,364,250,  0,  0
7260 DATA  72,250,  7, 95,201,112,170,155,105,  0,  0
7270 DATA 250, 35,  0,252, 38,256, 38,  0,  0,999,999,  0
8000 'ﾗｲﾝ ｽﾀｲﾙ
8010 DATA 198, 34,  7,AAAA
8020 DATA 204, 31,210, 29,218, 27,228, 25,242, 25,253, 26,261, 28,271, 31
8030 DATA 282, 36,288, 40,296, 45,302, 52,306, 58,311, 65,315, 74,318, 85
8040 DATA 319, 92,319,103,318,110,316,118,313,126,310,132,306,140,  0,  0
8050 DATA 307,144,  7,AAAA
8060 DATA 310,150,311,156,310,162,307,170,304,176,300,180,295,183,  0,  0
8070 DATA 300,147,  7,AAAA
8080 DATA 302,151,303,157,302,164,300,170,297,176,292,183,  0,  0
8090 DATA 293,187,  7,AAAA
8100 DATA 294,190,293,193,  0,  0
8110 DATA 220, 31,  7,AAAA
8120 DATA 230, 29,240, 29,250, 30,259, 32,264, 34,  0,  0
8130 DATA 293, 51,  7,AAAA
8140 DATA 300, 58,305, 65,309, 73,312, 82,314, 93,314,100,313,109,312,107
8150 DATA 310,106,308,107,306,110,304,116,304,120,305,121,307,121,310,118
8160 DATA 305,130,299,141,  0,  0
8170 DATA 333,120,  5,AAAA
8180 DATA 335,155,335,190,337,215,342,250,  0,  0
8190 DATA 344,175,  5,AAAA
8200 DATA 344,196,346,218,351,250,  0,  0
8210 DATA  88,250,  5,AAAA
8220 DATA 106,211,117,189,158,123,  0,  0
8230 DATA 150,195,  5,AAAA
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8240 DATA 162,171,177,146,  0,  0
8250 DATA 139,209,  5,EEEE
8260 DATA 135,215,131,232,127,250,  0,  0
8270 DATA 129,229,  5,EEEE
8280 DATA 122,239,116,250,  0,  0
8290 DATA 147,205,  5,EEEE
8300 DATA 141,211,138,232,134,250,  0,  0
8310 DATA 141,232,  5,EEEE
8320 DATA 141,250,  0,  0
8330 DATA 156,216,  5,EEEE
8340 DATA 153,223,151,232,151,241,153,250,  0,  0
8350 DATA 157,198,  5,EEEE
8360 DATA 156,204,156,216,158,229,162,241,  0,  0
8370 DATA 315,213,  5,EEEE
8380 DATA 315,216,313,222,308,232,297,250,  0,  0
8390 DATA 316,217,  5,EEEE
8400 DATA 316,224,315,230,312,241,309,250,  0,  0
8410 DATA 318,220,  5,EEEE
8420 DATA 320,224,320,229,321,240,323,250,  0,  0
8430 DATA 324,238,  5,EEEE
8440 DATA 326,232,331,250,  0,  0
8450 DATA 160,191,  7,AAAA
8460 DATA 146,196,143,199,141,203,139,209,122,231,107,250,  0,  0
8470 DATA 160,191,  7,AAAA
8480 DATA 164,204,166,214,168,225,167,229,162,240,161,244,161,247,  0,  0
8490 DATA 293,250,  7,AAAA
8500 DATA 293,243,292,237,290,233,288,231,288,225,290,215,294,206,297,201
8510 DATA 300,198,304,197,307,197,310,199,314,205,315,210,318,211,321,213
8520 DATA 323,217,325,223,325,226,329,228,333,233,336,240,338,250,  0,  0
8530 DATA 168,225,  7,AAAA
8540 DATA 200,223,223,224,260,227,288,231,  0,  0
8550 DATA 999,999,  0
9000 'ｻｰｸﾙ 3
9010 DATA 100,120, 15,  6,  6,145, 40, 12,  6,  6, 80, 65, 22,  6,  6
9020 DATA  50,150, 23,  6,  6, 60,225, 15,  6,  6, 35,  0, 30,  6,  6
9030 DATA 220,  0, 10,  6,  6
9040 DATA 330, 25, 12,  6,  6,380,140, 15,  6,  6,380, 60, 25,  6,  6
9050 DATA 425,125, 25,  6,  6,400,220, 20,  6,  6,435,  0, 30,  6,  6
9060 DATA 289,148,3.5,  7,  5,295,146,  3,  7,  5,300,144,2.5,  7,  5
9070 DATA 305,142,  3,  7,  5
9080 DATA 289,184,  3,  7,  5,294,185,  2,  7,  5,999,  0,  0,  0,  0
9500 '
9510 'ﾒ ｦ ｳｺﾞｶｽﾀﾒﾉ ﾗｲﾝ,ﾍﾟｲﾝﾄ,ｻｲｼｮﾘ  ﾃﾞｰﾀｰ
9520 '
9530 DATA 174,107,172,101,172, 95,173, 90,175, 85
9540 DATA 177, 83,179, 89,182, 94,185, 96,189, 98,194, 99,192, 95,191, 90
9550 DATA 190, 84,191, 75,192, 68,194, 73,196, 78
9560 DATA 199, 83,202, 87,206, 90,211, 93,216, 95,226, 97,223, 94,220, 90
9570 DATA 215, 81,212, 74,211, 68,215, 75,219, 80,  0,  0
9580 DATA 219, 80,224, 84,231, 89,239, 93,233, 96,230, 98,233, 96,239, 93
9590 DATA 245, 95,250, 97,256,100,258,102,  0,  0
9600 DATA 181,104,184,102,188,101,190,101,194,103,  0,  0
9610 DATA 187,111,189,109,191,108,194,108,197,109,200,111,204,114,  0,  0
9620 DATA 232,110,235,107,240,103,244,102,246,102,249,103,251,105,  0,  0
9630 DATA 205,122,203,120,199,118,195,116,193,116,190,117,188,119,190,123
9640 DATA 193,121,196,121,205,124,205,123,199,120,195,119,192,119,189,121
9650 DATA   0,  0
9660 DATA 233,121,234,122,241,119,246,118,249,118,252,119,252,116,253,114
9670 DATA 250,112,248,112,244,113,237,116,233,119,233,121,238,118,245,115
9680 DATA 248,115,252,116,  0,  0
9690 DATA 174,107,178,114,181,118,184,123,186,128,187,135,  0,  0
9700 DATA 169,113,175,118,180,121,183,122,  0,  0
9710 DATA 172,120,179,124,185,126,  0,  0
9720 DATA 168,121,175,125,184,129,  0,  0,999,999
9730 DATA 999,999,  0
9740 DATA 0000AA000055,                179,122,  0,  0
9750 DATA 0000FF,                      185, 90,215, 90,245, 90,178,117,183,127
9760 DATA                                0,  0
9770 DATA FF00FF,                      194,117,250,114,  0,  0
```

```
9780 DATA 77FFFFEEFFFFDDFFFFBBFFFF,   220,110,  0,  0
9790 DATA FF77FFFFEEFFFFDDFFFFBBFF,   176,128,999,999
9800 DATA 195,120,  0,245,117,  0,999,999,  0
9810 DATA 999,999,  0,  0,  0
9820 DATA 186,116,  0,188,118,  0,  0,185,118,  0,188,119,  0,  0
9830 DATA 186,121,  0,189,121,  0,  0,253,113,  0,255,111,  0,  0
9840 DATA 253,114,  0,256,113,  0,  0,252,116,  0,256,115,  0,  0
9850 DATA 189,121,  1,188,119,190,117,193,116,195,116,199,118,203,120,205,122
9860 DATA   0,  0
9870 DATA 233,119,  1,237,116,244,113,248,112,250,112,253,114,  0,  0
9880 DATA 999,999,  0,999,999,  0
9890 DATA   0,999,  0,  0,  0
10000 DATA 187,135,186,128,184,123,181,118,178,114,174,107,172,101,172, 95
10010 DATA 173, 90,177, 83,179, 89,182, 94,185, 96,189, 98,194, 99,192, 95
10020 DATA 191, 90,190, 84,191, 75,192, 68,194, 73,196, 78,199, 83,202, 87
10030 DATA 206, 90,211, 93,216, 95,226, 97,223, 94,220, 90,215, 81,212, 74
10040 DATA 211, 68,215, 75,219, 80,224, 84,231, 89,239, 93,245, 95,250, 97
10050 DATA 256,100,258,102,  0,  0
10060 DATA 169,113,175,118,180,121,183,122,  0,  0
10070 DATA 172,120,179,124,185,126,  0,  0,168,121,175,125,184,129,  0,  0
10080 DATA 181, 99,185, 97,188, 96,  0,  0
10090 DATA 187,106,190,104,192,104,197,106,201,109,  0,  0
10100 DATA 205,119,204,117,199,112,194,110,190,109,185,110,186,113,186,116
10110 DATA 187,120,189,123,193,125,197,126,200,126,203,125,205,123,205,120
10120 DATA 199,115,194,113,191,112,186,113,186,116,190,114,193,115,197,116
10130 DATA 205,120,  0,  0
10140 DATA 194,115,194,122,196,126,  0,  0,202,119,203,123,202,126,  0,  0
10150 DATA 228, 96,232, 93,236, 92,  0,  0
10160 DATA 230,109,236,104,241,101,246, 99,250,100,252,102,  0,  0
10170 DATA 230,115,231,122,234,124,238,125,245,124,249,122,252,119,252,115
10180 DATA 253,110,247,108,242,108,237,110,230,115,231,116,237,113,244,110
10190 DATA 246,110,252,112,252,115,248,113,245,113,239,114,230,117,  0,  0
10200 DATA 242,113,241,117,241,120,242,123,244,124,  0,  0
10210 DATA 248,113,249,116,249,118,248,123,  0,  0,999,999,999,999,  0
10220 DATA 0000AA000055,                  179,122, 0,  0
10230 DATA 0000FF,                        185, 90,215, 90,245, 90,178,117
10240 DATA                                183,127,  0,  0
10250 DATA FF00FF,                        190,111,240,110,200,115,237,111
10260 DATA                                  0,  0
10270 DATA 77FFFFEEFFFFDDFFFFBBFFFF,   220,110,  0,  0
10280 DATA FF0000,                        198,120,245,120,999,999,999,999,  0
10290 DATA 199,120,  1,  7, .5,198,123, .7,  0, .5,244,116,  1,  7, .5
10300 DATA 246,120,  1,  0, .5,999,999,  0,  0,  0
10310 DATA 181,108,  0,185,110,  0,  0,181,111,  0,186,113,  0,  0
10320 DATA 182,115,  0,186,116,  0,  0
10330 DATA 186,116,  7,187,120,189,123,  0,  0
10340 DATA 205,120,  7,205,123,203,125,  0,  0
10350 DATA 185,110,  1,190,109,194,110,199,112,204,117,205,119,  0,  0
10360 DATA 253,110,  0,256,107,  0,  0,252,112,  0,256,110,  0,  0
10370 DATA 252,115,  0,256,113,  0,  0
10380 DATA 230,115,  7,231,122,234,124,  0,  0,252,115,  7,252,119,  0,  0
10390 DATA 230,115,  1,237,110,242,108,247,108,253,110,  0,  0
10400 DATA 194,115,  1,194,122,196,126,  0,  0
10410 DATA 202,119,  1,203,123,202,126,  0,  0
10420 DATA 242,113,  1,241,117,241,120,242,123,244,124,  0,  0
10430 DATA 248,113,  1,249,116,249,118,248,123,  0,  0
10440 DATA 186,114,  0,191,113,196,115,200,117,205,120,  0,  0
10450 DATA 230,117,  0,240,113,245,111,250,113,252,113,  0,  0
10460 DATA 999,999,  0,999,999,  0,  0,  0, 90,  0,  0
20000 '
20010 '
20020 '┌──────────────────────────────────────────────────────────────────────┐
20030 '│                                                                      │
20040 '│          ｳｴﾃﾞｨﾝｸﾞ ﾗﾑ   NO-2              FOR PC-8801                 │
20050 '│                                                                      │
20060 '│                                                 1983年6月30日         │
20070 '│                                                                      │
20080 '│ Copyright   ﾀｶﾊｼ ﾙﾐｺ . ｼｮｳｶﾞｸｶﾝ . ｷﾃｨｴﾝﾀｰﾌﾟﾗｲｽﾞ . ﾌｼﾞﾃﾚﾋﾞ          │
20090 '│                                                                      │
20100 '└──────────────────────────────────────────────────────────────────────┘
```

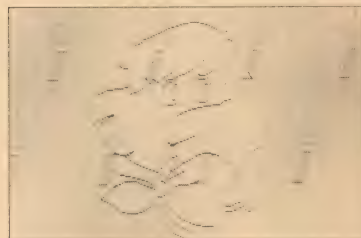
うる星やつら ビューティフル ドリーマー しのぶ

PC—8801/mkII
大島一夫

幻想的な空間でふりかえるしのぶ

「ビューティフル ドリーマー」の中ごろに出てくる、風鈴にかこまれたしのぶの幻想的なシーンをうまく表現してくれました。背景は風鈴だけでちょっと単調ですが淡い色がとてもきれいに仕上がっています。この風鈴、ひとつだけまじめに描いて、あとはこれをGET@で読み込んで、他の7ヶ所にコピーしていきます。このとき、paintが始まると風鈴はぬりつぶされてしまって、しのぶがセルを重ねたように浮き出てきます。

注意するところとして、1020、1030、1040行で拡張コマンドを使っていますが、使わなくとも絵を描くことができます。P.28にあるように、CMD CLS 3をただのCLS 3にしてCMD TEXT OFFをとってください。またそのときは、100、110行も不要となります。これらは高速化のためのものです。

また、拡張コマンドを使わなければPC—9801シリーズでも動きます。また、S1などに移植することも簡単にできるはずです。

うる星やつら ビューティフル ドリーマー しのぶ プログラムリスト

```
100  CLEAR ,&HDBFF
110  BLOAD "@exst",R
1000 'ｼｮｷｾｯﾃｲ
1010 CONSOLE 0,25,0,1:WIDTH 80,25:DIM A%(881)
1020 SCREEN 0,3:CMD CLS 3:FOR C=0 TO 7:COLOR=(C,C):NEXT:SCREEN 0,0
1030 COLOR 7,7,0:CMD CLS 3:COLOR 7,0,0
1040 WINDOW (0,0)-(400,250):CMD TEXT OFF
1050 'ﾗｲﾝ
1060 READ C
1070 READ X,Y:IF X=999 THEN 1100 ELSE PSET (X,Y),C
1080 READ X,Y:IF X=  0 THEN 1070 ELSE LINE-(X,Y),C
1090 GOTO 1080
1100 'ﾍﾟｲﾝﾄ
1110 READ C$:IF C$<>STRING$(6,"0") THEN BACK$=CHR$(&H0)+CHR$(&H0)+CHR$(&H0)
                                   ELSE BACK$=CHR$(&HFF)+CHR$(&HFF)+CHR$(&HFF)
1120 TL$=""
1130 FOR I=1 TO LEN(C$) STEP 2
1140  T=VAL("&H"+MID$(C$,I,2)):TL$=TL$+CHR$(T)
1150 NEXT
1160 READ X,Y:IF X=0 THEN 1100 ELSE IF X=888 THEN 1050 ELSE IF X=999 THEN 1180
1170 PAINT(X,Y),TL$,C,BACK$:GOTO 1160
1180 'ﾗｲﾝ ｻｲｼｮﾘ
1190 READ A$,C1:A=VAL("&H"+A$)
1200 READ X,Y:PSET (X,Y),C1
1210 READ X,Y:IF X=0 THEN 1200 ELSE IF X=888 THEN 1190 ELSE IF X=999 THEN 1230
1220 LINE-(X,Y),C1,,A:GOTO 1210
1230 'ｻｰｸﾙ
1240 READ S,R,C2,C3
```

```
1250 READ X,Y:IF X=0 THEN 1240 ELSE IF X=999 THEN 1270
1260 CIRCLE (X,Y),R,C2,,,S:PAINT(X,Y),C3,C2:GOTO 1250
1270 'ｼﾞｮｳｹﾝ
1280 READ T:IF T=0 THEN 1050 ELSE IF T=888 THEN 1290 ELSE IF T=999 THEN 1330
1290 'ﾊｲｹｲ
1300 GET@(88,8)-(152,72),A%
1310 READ X,Y:IF X=0 THEN 1050 ELSE PUT@(X,Y),A%,PSET
1320 GOTO 1310
1330 'ﾊﾟﾚｯﾄ
1340 COLOR=(3,0):END
1350 '
1360 'ﾊｲｹｲ DATA
1370 '
1380 DATA   5
1390 DATA  76, 25, 79, 25, 85, 26, 89, 28, 92, 32, 93, 36, 92, 41, 90, 44
1400 DATA  87, 46, 83, 48, 77, 49, 72, 49, 66, 48, 62, 46, 59, 42, 58, 38
1410 DATA  58, 34, 59, 31, 62, 28, 66, 26, 72, 25, 76, 25,  0,  0
1420 DATA  62, 46, 67, 43, 74, 41, 78, 41, 84, 43, 88, 45,  0,  0
1430 DATA  62, 35, 62, 34, 63, 31, 65, 29, 68, 28, 70, 28, 70, 30, 68, 31
1440 DATA  65, 33, 64, 35, 62, 35,  0,  0,999,999
1450 DATA FF55FFFFAAFF,    75, 35,888,888
1460 DATA   4
1470 DATA  67, 56, 77, 56, 76, 63, 74, 71, 71, 79, 68, 86, 57, 86, 60, 80
1480 DATA  64, 71, 66, 63, 67, 56,  0,  0,999,999
1490 DATA 5555FFAAAAFF,    70, 70,999,999
1500 DATA AAAA, 1
1510 DATA  76, 13, 76, 17,  0,  0, 76, 21, 76, 25,  0,  0
1520 DATA  76, 42, 76, 45, 75, 50, 73, 56,999,999
1530 DATA 0.5,1.5,  1,  5, 76, 19, 73, 29,  0,  0
1540 DATA 0.5,1.5,  7,  7, 73, 29,999,999
1550 DATA 888,248,  8,408,  8,568,  8,  8, 88,168, 88,328, 88,488, 88,  0,  0
1560 '
1570 'ｼﾉﾌﾞ ﾉ DATA
1580 '
1590 ' ﾒ
1600 DATA   0
1610 DATA 191, 90,189, 87,186, 85,183, 85,179, 87,177, 89,175, 92,175, 95
1620 DATA 175,102,176,106,177,108,181,110,185,110,189,109,191,108,192,105
1630 DATA 193,100,192, 95,191, 91,191, 90,  0,  0
1640 DATA 175, 95,179, 90,181, 89,183, 88,185, 88,189, 90,191, 91,  0,  0
1650 DATA 190, 94,191, 97,191,101,190,104,188,106,186,106,184,104,183, 99
1660 DATA 184, 95,185, 93,187, 92,188, 92,190, 94,  0,  0
1670 DATA 226, 90,225, 86,223, 84,220, 82,218, 82,214, 82,211, 84,209, 87
1680 DATA 208, 92,208, 97,209,102,212,107,215,108,219,108,222,107,224,106
1690 DATA 226,102,227, 96,226, 90,  0,  0
1700 DATA 208, 92,211, 88,213, 86,216, 85,218, 85,221, 86,222, 87,225, 90
1710 DATA 226, 90,  0,  0
1720 DATA 220, 90,222, 90,224, 92,225, 96,225, 99,224,102,222,104,221,104
1730 DATA 219,102,218, 99,218, 94,219, 91,220, 90,  0,  0
1740 ' ｶｵ,ﾊﾅ
1750 DATA 161, 88,163, 96,166,105,168,113,168,119,169,126,171,131,173,134
1760 DATA 176,137,  0,  0
1770 DATA 196,109,193,111,193,114,195,117,195,119,  0,  0
1780 ' ｶﾐ
1790 DATA 140, 93,130, 94,119, 96,113, 98,107,101,102,105, 98,109, 94,113
1800 DATA  97,117,100,123,104,129,105,129,108,126,113,123,118,121,125,119
1810 DATA 120,122,115,125,111,128,108,132,108,133,116,145,120,150,124,154
1820 DATA 129,157,133,158,136,158,141,156,146,155,140,158,136,160,146,166
1830 DATA 155,170,165,173,170,174,  0,  0
1840 DATA 140, 74,135, 74,131, 72,134, 70,137, 66,143, 56,146, 52,150, 49
1850 DATA 155, 48,152, 45,150, 41,150, 39,151, 39,153, 42,156, 44,158, 44
1860 DATA 164, 42,172, 38,182, 33,191, 30,199, 28,208, 27,213, 27,222, 29
1870 DATA 228, 31,233, 34,237, 38,241, 43,242, 39,242, 36,244, 37,245, 40
1880 DATA 244, 45,245, 45,249, 47,252, 51,256, 59,263, 76,267, 83,273, 92
1890 DATA 279,101,283,109,285,114,286,120,286,128,285,135,283,140,280,146
1900 DATA 277,150,274,153,270,155,265,161,260,165,256,171,251,176,  0,  0
1910 DATA 196,166,191,162,189,157,186,155,183,150,187,149,191,147,198,145
1920 DATA 205,142,210,139,  0,  0
1930 DATA 191,147,185,148,181,147,178,144,176,139,177,134,180,130,185,125
1940 DATA 191,121,199,117,208,114,221,112,232,111,235,110,237,109,240,107
1950 DATA 247,105,  0,  0
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リスト続く

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1960 DATA 242, 88,242, 92,241, 97,239,103,237,109,  0,  0
1970 DATA 146, 64,143, 68,140, 74,138, 82,138, 86,137, 91,139, 89,140, 87
1980 DATA 141, 84,140, 89,139, 91,142, 99,148, 98,153, 96,157, 93,161, 88
1990 DATA   0,  0
2000 DATA 157, 74,158, 80,159, 85,161, 88,163, 89,165, 88,166, 86,  0,  0
2010 DATA 166, 66,165, 71,164, 77,165, 83,166, 86,170, 88,172, 88,174, 86
2020 DATA 178, 83,183, 80,187, 78,  0,  0
2030 DATA 194, 62,191, 66,188, 72,187, 78,188, 84,194, 82,201, 79,207, 75
2040 DATA 214, 70,220, 65,217, 73,215, 77,213, 80,218, 82,220, 82,223, 81
2050 DATA 227, 78,231, 74,234, 69,236, 62,235, 67,235, 75,237, 81,240, 88
2060 DATA 242, 92,  0,  0
2070 ' ｾｰﾗｰﾌｸ
2080 DATA 126,188,124,182,124,176,125,172,126,172,128,175,131,177,140,179
2090 DATA 150,181,159,184,163,186,166,188,  0,  0
2100 DATA 111,200,114,198,118,194,124,189,130,186,135,184,140,183,147,184
2110 DATA 156,187,167,191,169,193,170,195,168,201,165,206,159,210,153,213
2120 DATA 145,215,140,215,133,213,127,210,120,205,115,202,111,201,111,200
2130 DATA   0,  0
2140 DATA 163,186,167,180,170,174,173,171,175,170,  0,  0
2150 DATA 173,184,174,174,175,170,177,167,180,164,185,161,190,159,  0,  0
2160 DATA 176,184,180,179,182,175,186,169,191,162,  0,  0
2170 DATA 180,179,188,172,192,169,197,166,206,162,  0,  0
2180 DATA 177,185,182,181,188,178,195,175,197,174,  0,  0
2190 DATA 166,188,167,187,171,180,174,175,  0,  0
2200 DATA 173,184,175,184,178,186,179,189,179,193,177,197,172,199,169,199
2210 DATA   0,  0
2220 DATA 178,195,181,197,  0,  0
2230 DATA 185,171,188,172,  0,  0,184,173,186,174,  0,  0
2240 DATA 182,175,184,176,  0,  0
2250 DATA 146,215,146,220,148,227,152,236,155,244,156,250,  0,  0
2260 DATA 192,187,197,174,199,171,201,168,  0,  0
2270 DATA 206,162,210,159,217,157,223,157,229,158,234,160,238,163,241,166
2280 DATA 247,171,251,176,259,187,270,208,270,210,268,212,264,213,260,212
2290 DATA 259,209,254,193,248,179,  0,  0
2300 DATA 239,214,244,214,251,212,255,210,259,209,  0,  0
2310 DATA 240,208,245,208,250,206,257,204,  0,  0
2320 DATA 212,183,209,185,200,187,192,187,188,188,185,191,183,195,178,202
2330 DATA 169,211,172,218,178,227,185,235,192,239,200,242,210,243,222,243
2340 DATA 225,236,227,229,235,211,237,205,240,197,241,189,  0,  0
2350 DATA 248,179,248,185,246,193,243,202,240,208,240,211,238,218,234,230
2360 DATA 226,250,  0,  0
2370 DATA 178,227,177,234,174,242,170,250,  0,  0
2380 DATA 214,243,212,250,  0,  0
2390 DATA 178,202,183,210,190,218,199,224,210,228,219,229,227,229,  0,  0
2400 DATA 173,207,178,215,185,223,193,229,200,233,207,235,217,236,225,236
2410 DATA   0,  0,999,999
2420 ' ﾍﾟｲﾝﾄ
2430 DATA 55FF55AAFFAA,   200,100,  0,  0
2440 DATA FFFF00,         250,100,150,130,  0,  0
2450 DATA FF0000,         180,170,190,175,260,200,250,200,  0,  0
2460 DATA FF00FF,         250,210,200,230,184,175,  0,  0
2470 DATA 00FF00,         140,200,130,180,170,190,185,185,  0,  0
2480 DATA 000000,         185,100,220,100,  0,  0
2490 DATA FF0055FF00AA,   180, 88,215, 83,  0,  0
2500 DATA 55FFFFAAFFFF,   190,165,888,888,  0
2510 ' ｶｵ,ﾊﾅ
2520 DATA 166,105,168, 99,170, 95,173, 93,175, 93,  0,  0
2530 DATA 189, 87,193, 87,200, 85,207, 81,212, 77,215, 76,  0,  0
2540 DATA 223, 81,225, 81,229, 79,235, 75,  0,  0
2550 DATA 236, 79,236, 84,237, 89,239, 95,240, 98,  0,  0
2560 DATA 193,112,196,114,198,117,  0,  0
2570 ' ｶﾐ
2580 DATA 118,121,118,118,120,114,123,111,128,108,135,106,143,104,147,102
2590 DATA 150, 99,151, 97,  0,  0
2600 DATA 125,119,130,118,133,118,130,124,129,129,129,134,130,142,132,146
2610 DATA 136,150,141,152,144,152,148,150,150,148,149,154,149,157,151,160
2620 DATA 156,163,162,165,170,167,176,168,  0,  0
2630 DATA 269,121,270,128,270,134,269,140,266,150,262,161,260,165,  0,  0
2640 DATA 281,110,282,116,282,122,281,130,279,137,276,145,270,155,  0,  0
2650 DATA 188,123,187,129,187,132,189,135,192,137,197,138,201,138,214,136
2660 DATA 222,135,227,135,227,136,223,138,222,140,223,142,225,142,231,140
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2670 DATA 237,138,240,138,240,140,239,143,241,145,245,146,250,145,255,142
2680 DATA 260,137,265,129,266,123,268,121,269,121,  0,  0
2690 DATA 270,132,272,131,274,127,276,121,278,112,278,107,279,107,281,110
2700 DATA 283,114,285,116,  0,  0
2710 DATA 177, 77,175, 79,173, 82,172, 85,172, 88,  0,  0
2720 DATA 143, 68,143, 78,144, 82,146, 84,149, 85,151, 85,154, 83,157, 79
2730 DATA   0,  0
2740 DATA 157, 74,160, 77,162, 77,164, 75,  0,  0
2750 DATA 166, 66,167, 64,168, 64,168, 67,169, 73,170, 76,171, 77,173, 78
2760 DATA 174, 78,177, 77,179, 76,183, 74,188, 71,  0,  0
2770 DATA 187, 79,191, 76,197, 73,204, 71,213, 70,  0,  0
2780 DATA 216, 76,219, 76,225, 74,230, 71,234, 69,  0,  0
2790 ' ｾｰﾗｰﾌｸ
2800 DATA 166,188,167,191,  0,  0
2810 DATA 180,164,178,169,176,175,175,184,  0,  0
2820 DATA 184,162,181,169,179,175,178,181,  0,  0
2830 DATA 187,173,194,170,201,168,  0,  0
2840 DATA 167,187,169,185,172,184,173,184,  0,  0
2850 DATA 262,193,266,204,268,204,  0,  0
2860 DATA 158,198,163,195,167,194,170,195,  0,  0
2870 DATA 201,168,206,162,  0,  0
2880 DATA 240,211,244,211,250,209,255,207,258,206,  0,  0,999,999
2890 ' ﾍﾟｲﾝﾄ
2900 DATA 55FFFFAAFFFF,   180,240,200,100,  0,  0
2910 DATA 55FF00AAFF00,   250,100,100,110,120,130,  0,  0
2920 DATA FF0000,         250,211,  0,  0
2930 DATA FF00FF,         250,208,178,173,189,173,260,200,888,888,  0
2940 ' ｾｰﾗｰﾌｸ
2950 DATA 180,179,188,175,196,172,199,171,  0,  0
2960 DATA 251,176,255,186,264,207,266,208,269,207,  0,  0,999,999
2970 ' ﾍﾟｲﾝﾄ
2980 DATA FF0000,         180,181,250,180,888,888,  0
2990 ' ｾｰﾗｰﾌｸ
3000 DATA 248,179,246,173,241,166,  0,  0,999,999
3010 ' ﾍﾟｲﾝﾄ
3020 DATA FFFFFF,         200,200,999,999
3030 ' ﾗｲﾝ ｻｲｼｮﾘ
3040 DATA FFFF, 7
3050 DATA 191, 90,189, 87,  0,  0,175, 95,175,102,176,106,177,108,  0,  0
3060 DATA 191,108,192,105,193,100,192, 95,191, 91,  0,  0
3070 DATA 226, 90,225, 86,  0,  0,209, 87,208, 92,208, 97,209,102,212,107
3080 DATA   0,  0
3090 DATA 224,106,226,102,227, 96,226, 90,  0,  0
3100 DATA 166,105,168, 99,170, 95,173, 93,175, 93,  0,  0
3110 DATA 189, 87,193, 87,200, 85,207, 81,212, 77,215, 76,  0,  0
3120 DATA 223, 81,225, 81,229, 79,235, 75,  0,  0
3130 DATA 236, 79,236, 84,237, 89,239, 95,240, 98,  0,  0
3140 DATA 193,112,196,114,198,117,888,888
3150 DATA AAAA, 6
3160 DATA 166,105,168, 99,170, 95,173, 93,175, 93,  0,  0
3170 DATA 189, 87,193, 87,200, 85,207, 81,212, 77,215, 76,  0,  0
3180 DATA 223, 81,225, 81,229, 79,235, 75,  0,  0
3190 DATA 236, 79,236, 84,237, 89,239, 95,240, 98,  0,  0
3200 DATA 193,112,196,114,198,117,888,888
3210 DATA FFFF, 0
3220 DATA 169, 92,172, 93,175, 93,  0,  0,169, 96,172, 96,175, 95,  0,  0
3230 DATA 224, 87,229, 86,230, 84,  0,  0
3240 DATA 225, 89,229, 91,231, 91,  0,  0,208, 79,213, 80,999,999
3250 ' ｻｰｸﾙ
3260 DATA   1,1.5,  7,  7
3270 DATA 189,100,224, 96,999,999
3280 ' ｼﾞｮｳｹﾝ
3290 DATA 999
3300 '┌──────────────────────────────────────────────────────────────┐
3310 '│                                                              │
3320 '│       ﾋﾞｭｰﾃｨﾌﾙ  ﾄﾞﾘｰﾏｰ  ( ｼﾉﾌﾞ )             FOR  PC-8801  │
3330 '│                                                              │
3340 '│                                              1984年 4月30日  │
3350 '│                                                              │
3360 '│ Copyright   ﾀｶﾊｼ ﾙﾐｺ / ｼｮｳｶﾞｸｶﾝ , ｷﾃｨｴﾝﾀｰﾌﾟﾗｲｽﾞ , ﾌｼﾞﾃﾚﾋﾞ │
3370 '│                                                              │
3380 '└──────────────────────────────────────────────────────────────┘
```

めぞん一刻
響子

PC―8801/mkII

大島一夫

テレビシリーズ風の響子さんを描こう!!

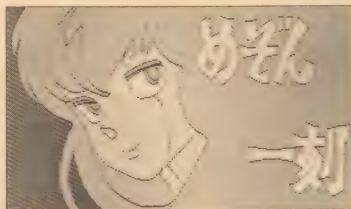
大島氏のめぞん一刻の〝音無響子〟さんです。色の使い方がやや単調になってしまったのは、選んだ原画のせいでしょうか。それともタイトル文字の方に力を入れたのかな?

そうはいっても、シンプルな画面にタイトル文字が出ていると、TVのオープニングか、アイキャッチャーのような感じとなり、また、ちがった感じのCGになりますね。

プログラム本体の方は、大島さんのいつものスタイル通りのシンプルなもので、1本分を入れてしまえば、他の絵のものにすぐ修正することができます。やはり拡張命令を使っていますので、ディスクでない方は、P.28のように修正してください。

絵の描き方もいつもの通りですが、左下の写真を見てください。前髪のところを先にペイントしています。これは前髪のラインが複雑で、あとで細かいところのペイントがしづらくなったり、おそくなったりするためです。使えるテクニックですから、みなさん覚えておきましょう。

そして下の中央の写真が髪のカゲの部分を塗る前のところ。まつ毛や目のハイライトなど細かいところはやはり後で書き込む。これもCGの常識。

このようにして、下の写真のような響子さんが完成だ。

あなたにも描ける、CG用下絵の作り方

大島一夫

普通CGを作るときの手順として座標入力方式では下記の順番で作業を行います。

①絵を描く。

②描いた絵を方眼紙等の座標が拾える用紙に写す。

③描線、ペイントの順序に注意してDATAを拾う。

④パソコンにDATAを打込む。

このとき①から②への作業段階において多くの人が、

・絵が描けない

・どれくらいの大きさかわからない

の2点で悩むことと思います。

まず、絵を描く大きさとしては、VIEWを640×200とした場合、WINDOWのy座標、x座標は$y=5/8x$で求められます。たとえばx方向40cmとしたときにy座標は25cmというぐあいにです。

次に絵ですが、まずトレーシングペーパー等で自分の描きたい絵を写し、それを拡大・縮小するなりしてさきほど決めたWINDOWの大きさにします。

このときコピーの機械があれば拡大等は比較的簡単にできるのですが、ない方は文房具店等に行ってパントグラフという拡大、縮小器を買って使えばよいと思います。

ただ、パントグラフを使うにはかなりの慣れがいりますので注意してください。

こうしてできた絵を方眼紙等に写すわけですが、カーボン紙(またはトレーシングペーパーのうらを濃い鉛筆で塗りつぶしたもの)を絵と方眼紙の間にはさみ、先のかたい物でなぞって写します。

あとは③と④があるわけで、これは各自で考えてください。

めぞん一刻　響子　プログラムリスト

```
100  CLEAR ,&HDBFF
110  BLOAD "@exst",R
1000 'ｼｮｷｾｯﾃｲ
1010 CONSOLE 0,25,0,1:WIDTH 80,25
1020 SCREEN 0,3:CMD CLS 3:FOR C=0 TO 7:COLOR=(C,C):NEXT:SCREEN 0,0
1030 COLOR 7,4,0:CMD CLS 3:COLOR 7,0,0
1040 WINDOW (0,0)-(400,250):CMD TEXT OFF
1050 'ﾗｲﾝ
1060 READ C
1070 READ X,Y:IF X=999 THEN 1100 ELSE PSET (X,Y),C
1080 READ X,Y:IF X=  0 THEN 1070 ELSE LINE-(X,Y),C
1090 GOTO 1080
1100 'ﾍﾟｲﾝﾄ
1110 READ C$:IF C$<>STRING$(6,"0") THEN BACK$=CHR$(&H0)+CHR$(&H0)+CHR$(&H0)
                                   ELSE BACK$=CHR$(&HFF)+CHR$(&HFF)+CHR$(&HFF)
1120 TL$=""
1130 FOR I=1 TO LEN(C$) STEP 2
1140  T=VAL("&H"+MID$(C$,I,2)):TL$=TL$+CHR$(T)
1150 NEXT
1160 READ X,Y:IF X=0 THEN 1100 ELSE IF X=888 THEN 1050 ELSE IF X=999 THEN 1180
1170 PAINT(X,Y),TL$,C,BACK$:GOTO 1160
1180 'ﾗｲﾝ ｻｲｼｮﾘ
1190 READ A$,C1:A=VAL("&H"+A$)
1200 READ X,Y:PSET (X,Y),C1
1210 READ X,Y:IF X=0 THEN 1200 ELSE IF X=888 THEN 1190 ELSE IF X=999 THEN 1230
1220 LINE-(X,Y),C1,,A:GOTO 1210
1230 'ｻｰｸﾙ
1240 READ S,R,C2,C3
1250 READ X,Y:IF X=0 THEN 1240 ELSE IF X=999 THEN 1270
1260 CIRCLE (X,Y),R,C2,,,S:PAINT(X,Y),C3,C2:GOTO 1250
1270 'ﾊﾟﾚｯﾄ
1280 COLOR=(3,0):END
1290 '
1300 'ﾇﾘﾉｺｼﾎﾞｳｼ DATA
1310 '
1320 DATA   1
1330 DATA 150, 50,200, 50,200, 85,150, 85,150, 50,  0,  0,999,999
1340 DATA FF6600FF9900FF9900FF6600,   175, 70,888,888,  0
1350 '
1360 'ｷｮｳｺ DATA
1370 '
1380 '  ｶﾐ
1390 DATA  73, 77, 73, 85, 75, 95, 78,102, 83,110, 90,117, 97,122,104,124
1400 DATA 109,124,105,120,100,115, 95,108, 90, 99, 87, 90, 86, 79,  0,  0
1410 DATA  94,106,100,111,107,114,112,115,117,115,125,113,  0,  0
1420 DATA 102, 77,104, 86,108, 95,113,103,120,110,125,113,134,117,142,119
1430 DATA 145,119,148,117,146,111,146,106,148, 99,152, 93,160, 80,164, 73
1440 DATA 163, 77,161, 82,163, 81,166, 76,169, 70,171, 63,171, 69,170, 75
1450 DATA 168, 81,171, 79,174, 75,178, 68,181, 61,  0,  0
1460 DATA 184, 46,183, 53,181, 61,179, 70,177, 77,180, 75,183, 71,187, 65
1470 DATA 186, 72,184, 78,187, 76,189, 72,192, 65,194, 58,195, 50,  0,  0
1480 DATA 192, 65,195, 72,200, 78,206, 84,212, 88,220, 91,221, 93,221, 96
1490 DATA 218,108,217,118,218,127,221,136,226,144,233,152,240,156,244,159
1500 DATA 245,161,244,165,238,176,226,196,218,209,211,218,205,227,202,233
1510 DATA 200,239,200,243,202,248,203,250,  0,  0
1520 DATA  96,  0, 88,  6, 79, 13, 71, 21, 64, 29, 57, 39, 52, 49, 49, 59
1530 DATA  49, 68, 50, 77, 52, 81, 53, 73, 55, 67, 58, 62, 55, 75, 55, 84
1540 DATA  56, 93, 59,103, 63,112, 69,120, 75,125, 80,127,  0,  0
1550 DATA  64, 96, 65,104, 68,113, 72,118, 75,121,  0,  0
1560 DATA  65,104, 75,121, 84,131, 92,137,101,141,109,143,110,145,110,147
1570 DATA 106,154,101,167, 98,179, 96,191, 97,205,100,215,105,225,111,232
1580 DATA 118,237,127,241,138,244,147,245,149,244,141,241,132,238,124,233
1590 DATA 117,228,111,220,107,210,105,199,105,192,107,182,111,169,112,179
1600 DATA 115,190,119,201,125,212,132,221,140,229,149,236,159,242,170,245
1610 DATA 181,246,195,245,200,243,  0,  0
1620 '  ｶｵ,ｸﾋﾞ
1630 DATA 101,123,107,128,112,134,117,140,121,146,125,155,131,168,137,177
1640 DATA 143,183,153,189,173,197,181,199,184,199,189,197,196,192,205,184
1650 DATA 224,166,228,161,230,158,  0,  0
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リスト続く

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1660 DATA 196,192,202,198,206,204,210,210,212,216,  0,  0
1670 ' ﾊﾅ,ｸﾁ
1680 DATA 141,146,138,150,139,153,143,155,147,158,149,160,  0,  0
1690 DATA 159,171,161,171,  0,  0
1700 DATA 165,171,170,169,174,166,177,163,  0,  0
1710 DATA 166,179,172,177,176,174,  0,  0
1720 ' ﾒ
1730 DATA 135,126,134,124,131,122,127,120,123,119,120,119,115,120,110,122
1740 DATA 110,125,112,128,120,137,127,143,130,145,133,145,137,143,139,141
1750 DATA 140,139,140,136,138,129,135,126,132,125,122,126,112,128,  0,  0
1760 DATA 123,125,124,129,127,133,131,136,135,137,137,136,139,133,  0,  0
1770 DATA 201, 90,200, 87,198, 85,195, 84,192, 84,183, 87,174, 91,166, 95
1780 DATA 162, 98,163,101,165,104,173,118,175,120,179,122,181,122,183,121
1790 DATA 187,120,196,117,200,110,202,107,203,104,203,101,203, 96,201, 90
1800 DATA 199, 89,196, 89,188, 91,178, 95,170, 99,165,104,  0,  0
1810 DATA 181, 94,183,101,186,106,190,108,193,108,197,106,199,103,200, 99
1820 DATA 199, 94,196, 89,  0,  0,999,999
1830 ' ﾍﾟｲﾝﾄ
1840 DATA FF6600FF9900FF9900FF6600,   200, 30,  0,  0
1850 DATA 55FF55AAFFAA,               160,140,888,888,  0
1860 ' ﾛｺﾞ
1870 DATA 250, 43,248, 53,250, 53,250, 61,258, 58,260, 52,260, 41,267, 44
1880 DATA 273, 44,270, 52,272, 53,269, 59,272, 61,275, 69,277, 80,276, 90
1890 DATA 273, 98,264,107,260,109,256,103,253,101,250,104,241, 97,237, 92
1900 DATA 235, 86,235, 83,238, 76,237, 74,242, 69,242, 67,239, 53,239, 46
1910 DATA 247, 42,247, 44,250, 43,  0,  0
1920 DATA 246, 82,252, 88,248, 94,244, 89,246, 82,  0,  0
1930 DATA 253, 70,255, 80,258, 70,253, 70,  0,  0
1940 DATA 255, 98,266, 91,269, 81,266, 72,264, 82,260, 90,255, 98,  0,  0
1950 DATA 284, 47,290, 47,295, 45,295, 56,300, 51,310, 45,315, 55,305, 72
1960 DATA 316, 72,314, 76,315, 81,304, 82,298, 91,297, 99,305, 96,306,108
1970 DATA 300,108,287,102,287, 96,289, 89,292, 84,296, 79,281, 83,279, 70
1980 DATA 286, 73,294, 73,297, 67,303, 57,296, 62,290, 69,288, 65,286, 65
1990 DATA 284, 56,284, 47,  0,  0
2000 DATA 317, 43,321, 43,320, 49,321, 55,317, 56,316, 50,317, 43,  0,  0
2010 DATA 325, 43,331, 43,328, 49,327, 55,323, 55,323, 48,325, 43,  0,  0
2020 DATA 324, 84,329, 79,334, 69,347, 54,336, 44,325, 63,326, 64,322, 73
2030 DATA 315, 90,310,106,311,107,318,109,320,101,326, 95,328,103,331,107
2040 DATA 337,109,343,109,348,105,353, 90,341, 85,340, 96,338, 98,336, 98
2050 DATA 333, 95,333, 91,335, 87,333, 81,327, 82,  0,  0
2060 DATA 285,168,303,169,303,171,318,171,318,169,323,170,331,169,330,175
2070 DATA 328,182,314,180,302,180,287,182,285,168,  0,  0
2080 DATA 329,156,336,159,344,160,344,153,342,146,350,150,354,150,354,154
2090 DATA 352,160,361,159,360,168,349,168,355,172,354,175,359,179,358,183
2100 DATA 355,191,351,198,358,201,352,211,345,204,339,210,333,214,330,209
2110 DATA 325,204,330,203,336,200,331,194,334,192,338,188,330,184,333,178
2120 DATA 335,171,337,176,340,168,331,168,329,156,  0,  0
2130 DATA 349,168,347,174,343,182,341,185,  0,  0
2140 DATA 354,175,352,180,348,187,342,194,336,200,  0,  0
2150 DATA 363,152,371,151,369,169,365,197,355,198,360,186,363,172,363,152
2160 DATA   0,  0
2170 DATA 372,150,380,150,386,148,382,166,380,166,379,181,379,210,370,215
2180 DATA 367,215,363,210,359,207,363,203,365,200,369,204,372,198,374,187
2190 DATA 374,168,372,150,  0,  0,999,999
2200 ' ﾍﾟｲﾝﾄ
2210 DATA FF0055FF00AA,     120,122,180, 90,130,130,190,100,  0,  0
2220 DATA FFFFFF,           250, 70,300, 80,318, 50,325, 50,330, 70,310,175
2230 DATA                   340,180,350,190,365,180,375,200,130,140,180,110
2240 DATA                   888,888,  0
2250 ' ｶﾐ
2260 DATA 122,  0,115,  8,108, 17,103, 26, 99, 35, 96, 45, 96, 48, 97, 48
2270 DATA 101, 41,106, 35,112, 30,113, 30,114, 31,110, 37,106, 44,103, 52
2280 DATA 102, 59,102, 68,103, 69,104, 69,107, 65,112, 56,116, 51,118, 50
2290 DATA 119, 50,120, 51,120, 53,118, 62,117, 70,117, 79,119, 88,122, 95
2300 DATA 126,103,131,109,136,113,142,116,148,117,  0,  0
2310 DATA 127,160,128,169,131,178,135,187,140,195,146,203,152,210,159,215
2320 DATA 168,220,178,223,188,224,197,224,205,222,210,219,  0,  0
2330 ' ｶｵ,ｸﾋﾞ,ﾊﾅ
2340 DATA 158, 84,161, 87,164, 91,166, 95,  0,  0
2350 DATA 191,118,196,123,201,130,206,140,208,150,208,159,206,170,204,178
2360 DATA 201,185,198,190,  0,  0
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2370 DATA 205,185,210,190,214,195,217,200,220,205,  0,  0
2380 DATA 139,149,142,150,147,149,151,151,154,155,152,158,149,160,  0,  0
2390 ' ﾒ
2400 DATA 127,125,128,128,130,131,133,132,135,132,137,130,137,128,  0,  0
2410 DATA 184, 93,185, 98,187,101,189,103,192,104,194,104,196,103,197,100
2420 DATA 197, 97,195, 93,193, 90,  0,  0
2430 DATA 110,126,115,124,120,123,124,123,130,124,135,126,  0,  0
2440 DATA 163,102,167, 99,175, 94,186, 90,194, 88,198, 88,201, 90,  0,  0
2450 DATA 999,999
2460 ' ﾍﾟｲﾝﾄ
2470 DATA FF0000,          100,130,  0,  0
2480 DATA 000000,          130,128,190,100,  0,  0
2490 DATA 55FFFFAAFFFF,    170,150,210,200,999,999
2500 ' ﾗｲﾝｻｲｼｮﾘ
2510 DATA FFFF, 1
2520 DATA 122,  0,115,  8,108, 17,103, 26, 99, 35, 96, 45, 96, 48, 97, 48
2530 DATA 101, 41,106, 35,112, 30,113, 30,114, 31,110, 37,106, 44,103, 52
2540 DATA 102, 59,102, 68,103, 69,104, 69,107, 65,112, 56,116, 51,118, 50
2550 DATA 119, 50,120, 51,120, 53,118, 62,117, 70,117, 79,119, 88,122, 95
2560 DATA 126,103,131.109,136,113,142,116,148,117,  0,  0
2570 DATA 127,160,128,169,131,178,135,187,140,195,146,203,152,210,159,215
2580 DATA 168,220,178,223,188,224,197,224,205,222,210,219,888,888
2590 DATA FFFF, 7
2600 DATA 158, 84,161, 87,164, 91,166, 95,  0,  0
2610 DATA 191,118,196,123,201,130,206,140,208,150,208,159,206,170,204,178
2620 DATA 201,185,198,190,  0,  0
2630 DATA 205,185,210,190,214,195,217,200,220,205,  0,  0
2640 DATA 139,149,142,150,147,149,151,151,154,155,152,158,149,160,  0,  0
2650 DATA 135,126,134,124,131,122,  0,  0,110,122,110,125,  0,  0
2660 DATA 112,128,120,137,127,143,  0,  0
2670 DATA 140,139,140,136,138,129,135,126,  0,  0
2680 DATA 201, 90,200, 87,198, 85,  0,  0,162, 98,163,101,  0,  0
2690 DATA 165,104,173,118,  0,  0,203,104,203,101,203, 96,201, 90,888,888
2700 DATA 5555, 6
2710 DATA 158, 84,161, 87,164, 91,166, 95,  0,  0
2720 DATA 191,118,196,123,201,130,206,140,208,150,208,159,206,170,204,178
2730 DATA 201,185,198,190,  0,  0
2740 DATA 205,185,210,190,214,195,217,200,220,205,  0,  0
2750 DATA 139,149,142,150,147,149,151,151,154,155,152,158,149,160,888,888
2760 DATA FFFF, 0
2770 DATA 111,127,116,125,121,124,130,124,  0,  0
2780 DATA 155, 91,165, 85,174, 80,184, 76,194, 74,186, 76,176, 80,165, 86
2790 DATA 155, 92,155, 91,  0,  0
2800 DATA 164,103,171, 98,176, 95,186, 91,194, 89,  0,  0
2810 DATA 104,125,107,127,111,127,  0,  0,112,128,108,130,104,131,  0,  0
2820 DATA 125,145,127,143,  0,  0,128,147,130,145,  0,  0
2830 DATA 197, 98,195, 93,193, 90,  0,  0,157,104,160,104,163,102,  0,  0
2840 DATA 160,107,165,104,  0,  0,198, 88,202, 85,  0,  0
2850 DATA 199, 89,202, 88,205, 86,  0,  0,203,104,206,105,  0,  0
2860 DATA 202,107,205,108,999,999
2870 ' ｻｰｸﾙ
2880 DATA 0.8,1.2,  7,  7,186, 95,  0,  0
2890 DATA 0.8,  1,  7,  7,192, 97,  0,  0
2900 DATA 0.8,  1,  7,  7,128,129,  0,  0
2910 DATA 0.5,0.9,  7,  7,134,130,999,999
2920 ' ｼﾞｮｳｹﾝ
2930 DATA 999
2940 '
2950 '
2960 '┌──────────────────────────────────────────────────────────┐
2970 '│                                                          │
2980 '│      ﾒｿﾞﾝ ｲｯｺｸ  ( ｷｮｳｺ )                  FOR  PC-8801   │
2990 '│                                                          │
3000 '│                                    1984年 4月30日         │
3010 '│                                                          │
3020 '│          Copyright  ﾀｶﾊｼ ﾙﾐｺ  /  ｼｮｳｶﾞｸｶﾝ                 │
3030 '│                                                          │
3040 '└──────────────────────────────────────────────────────────┘
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うる星やつら ビューティフル ドリーマー サクラ

PC―8801/mkII

大島一夫

映画の名シーンをもう一度、サクラさん!!

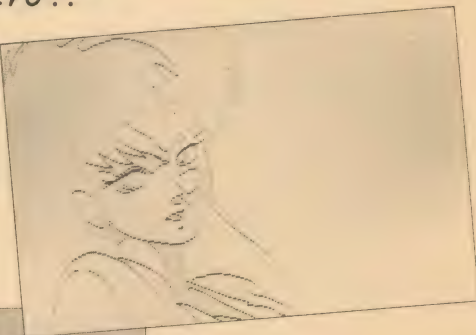
このCGの元となったカットは、あまりにも有名な「うる星2」の湯沸室でのサクラさん。大島さんの次のターゲットはこの名シーンの再現にあったようですね。

絵についてちょっと一言いわせてもらうと、サクラさんの左目の部分の描き方に少し不満があります。ペイントされてトレスラインが消えてしまうため、今ひとつはっきりしていません。原画に忠実なだけでなく、適度なアレンジも必要と思われます。

あと、背景が単調なので、そちらの方までキチンとデジタイズするか何か模様でも入れてみるとだいぶ違ってくると思いますよ。

▶右の写真はりんかくを書き終わって、肌の部分のペイントにはいったところ。曲線がきれいに出ており、デジタイズして拾った座標のうまさがうかがえるでしょう。

▲上の写真はサクラさん本体を描き、タイトルロゴをペイント中。文字がつながっているため､ひとつのPAINT文でまとめて色ぬりをしてしまう。

その後、中心線を描き込んで完成。

プログラムの方は、拡張命令を使っていない方の大島さんのいつものパターンのものです。このような、プログラムとデータがきれいに分かれているようなプログラミングスタイルは、コピーして似たようなものを作るときには非常に便利です。またこの方がスッキリしていますので、みなさんもこのテクニックをまねてください。

特徴的なことを言えば、1550行から1610行の間の無限ループで、パレット番号3の色をぐるぐる変えています。これでタイトル文字の色がネオンのように美しく変わっていきます。このように何かアクセントをつけるのも、CGの楽しさでしょう。

うる星やつら ビューティフルドリーマーサクラ プログラムリスト

```
1000 'ｼｮｷｾｯﾃｲ
1010 CONSOLE 0,25,0,1:WIDTH 80,25
1020 SCREEN 0,3:CLS 3:FOR C=0 TO 7:COLOR=(C,C):NEXT:SCREEN 0,0
1030 COLOR 7,7,0:CLS 3:COLOR 7,0,0
1040 WINDOW (0,0)-(400,250)
1050 'ﾗｲﾝ
```

```
1060 READ C
1070 READ X,Y:IF X=999 AND Y=999 THEN GOTO 1150
1080 PSET (X,Y),C
1090 READ X,Y:IF X=0 AND Y=0 THEN GOTO 1070
1100 LINE-(X,Y),C:GOTO 1090
1150 'ｻｰｸﾙ 1
1160 READ R
1170 READ X,Y:IF X=0 AND Y=0 THEN GOTO 1200
1180 CIRCLE(X,Y),R,0
1190 GOTO 1160
1200 'ﾍﾟｲﾝﾄ
1210 READ C$
1220 IF C$<>STRING$(6,"0") THEN BACK$=CHR$(&H0)+CHR$(&H0)+CHR$(&H0)
                            ELSE BACK$=CHR$(&HFF)+CHR$(&HFF)+CHR$(&HFF)
1230 TL$=""
1240 FOR I=1 TO LEN(C$) STEP 2
1250  T=VAL("&H"+MID$(C$,I,2))
1260  TL$=TL$+CHR$(T)
1270 NEXT
1280 READ X,Y:IF X=0 THEN 1210 ELSE IF Y=999 THEN GOTO 1310
1290 PAINT(X,Y),TL$,C,BACK$
1300 GOTO 1280
1310 'ﾗｲﾝｻｲｼｮﾘ
1320 READ C1:IF C1=999 THEN 1380
1330 READ X,Y
1340 PSET(X,Y),C1
1350 READ X,Y:IF X=0 AND Y=0 THEN 1330 ELSE IF X=999 AND Y=999 THEN GOTO 1320
1360 LINE-(X,Y),C1
1370 GOTO 1350
1380 'ﾗｲﾝｽﾀｲﾙ
1390 READ A$:A=VAL("&H"+A$)
1400 READ X,Y,C2:IF X=888 THEN 1390 ELSE IF Y=999 THEN GOTO 1450
1410 PSET (X,Y),C2
1420 READ X,Y:IF X=0 AND Y=0 THEN GOTO 1400
1430 LINE-(X,Y),C2,,A
1440 GOTO 1420
1450 'ｻｰｸﾙ 2
1460 READ S
1470 READ C3,C4,R
1480 READ X,Y:IF X=0 THEN 1460 ELSE IF Y=999 THEN GOTO 1510
1490 CIRCLE(X,Y),R,C4,,,S:PAINT(X,Y),C3,C4
1500 GOTO 1480
1510 'ﾃﾝ
1520 READ X,Y,C5:IF X=999 THEN GOTO 1550 ELSE IF Y=888 THEN GOTO 1050
1530 PSET (X,Y),C5
1540 GOTO 1520
1550 'ﾊﾟﾚｯﾄ
1560 FOR I=1 TO 6
1570 COLOR=(3,I)
1580  FOR J=1 TO 1000
1590  NEXT J
1600 NEXT I
1610 GOTO 1560
2000 'ﾐｷﾞﾒ
2010 DATA   0
2020 DATA  96,118,100,119,105,119,112,116,121,112,127,112,131,114,131,115
2030 DATA 126,113,121,113,112,117,101,122, 96,124,  0,  0
2040 DATA 100,119,101,120,101,122,  0,  0
2050 DATA  97,121,101,120,104,120,  0,  0
2060 DATA 103,121,105,125,107,127,112,129,116,129,123,127,127,125,130,122
2070 DATA 131,118,131,115,  0,  0
2080 DATA 107,119,109,123,112,126,115,127,117,127,121,125,122,121,122,117
2090 DATA 121,113,  0,  0
2100 DATA 109,118,112,123,115,124,117,122,117,120,116,117,115,115,  0,  0
2110 DATA  93,110, 96,110,102,112,107,115,112,114,117,111,121,109,126,109
2120 DATA 131,112,135,115,138,115,141,112,145,109,147,109,151,108,150,111
2130 DATA 151,116,152,120,154,124,158,129,159,131,159,134,157,138,157,142
2140 DATA   0,  0
2150 'ﾋﾀﾞﾘﾒ
2160 DATA 180, 93,176, 95,173, 96,169, 96,164, 98,160,101,157,104,157,105
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2170 DATA 160,102,164, 99,169, 97,173, 97,174, 98,  0,  0
2180 DATA 157,105,156,107,156,109,157,111,159,112,162,112,166,111,168,110
2190 DATA 171,108,174,105,175,101,174, 98,  0,  0
2200 DATA 157,105,157,107,159,109,162,109,165,107,166,104,166,100,164, 98
2210 DATA   0,  0
2220 DATA 159,109,162,108,163,106,163,102,162,100,  0,  0
2230 'ｶｹﾞ
2240 DATA 159,134,155,136,151,137,149,138,149,140,152,142,157,142,  0,  0
2250 DATA 158,138,161,141,164,145,166,152,166,157,165,163,163,170,  0,  0
2260 DATA  98,148,102,154,106,158,  0,  0
2270 DATA 102,170,105,167,109,164,112,162,  0,  0
2280 DATA 128,169,132,173,136,178,139,185,141,193,142,200,142,204,  0,  0
2290 DATA 158,119,160,124,160,127,161,132,163,134,165,134,169,132,171,130
2300 DATA 173,126,174,121,173,117,171,115,169,115,166,116,162,118,158,119
2310 DATA   0,  0
2320 DATA 174,230,180,230,190,232,196,234,200,237,  0,  0
2330 DATA 188,238,193,238,200,240,205,243,208,246,  0,  0
2340 'ｸﾁ
2350 DATA 143,153,146,153,152,155,155,154,157,151,158,148,159,147,155,148
2360 DATA 149,150,143,153,  0,  0
2370 DATA 151,150,154,151,156,152,  0,  0
2380 DATA 153,161,157,159,156,161,153,161,  0,  0
2390 'ﾐﾐ
2400 DATA  92,106, 93,110, 93,115, 92,121, 90,127, 94,132, 97,138, 98,144
2410 DATA  98,151, 97,156, 94,163, 93,159, 93,155, 94,149, 93,142, 91,137
2420 DATA  88,132, 85,129, 81,126, 77,124, 74,124, 71,126, 70,129, 70,132
2430 DATA  72,137, 75,142, 79,147, 84,151, 90,154, 93,155,  0,  0
2440 'ﾏｴｶﾞﾐ , ｶｵ
2450 DATA  84,103, 92,106,100,108,105,108,101,105, 97,101, 94, 96,104,102
2460 DATA 111,105,118,107,122,107,117,103,112, 98,108, 93,116, 98,124,101
2470 DATA 133,103,126, 97,  0,  0
2480 DATA 107, 78,110, 84,114, 89,119, 93,126, 97,137,101,142,104,146,107
2490 DATA 148,107,150,105,152, 99,155, 94,159, 90,162, 85,162, 89,160, 95
2500 DATA 166, 89,170, 82,173, 75,174, 68,176, 75,176, 80,174, 86,172, 90
2510 DATA 177, 88,182, 84,181, 91,180, 98,181,104,183,113,184,120,184,128
2520 DATA 181,141,176,153,169,164,166,168,163,170,156,172,147,172,135,170
2530 DATA 124,167,114,163,106,158,  0,  0
2540 'ｶﾐ
2550 DATA  68,  0, 67,  3, 67,  5, 69,  7, 71,  7, 76,  5, 85,  0,  0,  0
2560 DATA  90,  0, 90,  2, 88,  4, 85,  6, 84,  8, 84, 10, 87, 12, 90, 12
2570 DATA  97,  9,104,  7,113,  5,119,  5,130,  7,139, 11,145, 15,151, 20
2580 DATA 157, 27,162, 34,164, 38,164, 40,162, 40,158, 36,154, 33,147, 29
2590 DATA 145, 29,145, 31,150, 38,155, 45,158, 52,160, 60,160, 68,159, 70
2600 DATA 158, 70,155, 62,152, 57,148, 52,144, 48,142, 48,146, 56,150, 65
2610 DATA 152, 75,153, 83,153, 92,152, 96,150, 99,148, 99,145, 97,140, 91
2620 DATA   0,  0
2630 DATA 114, 68,117, 73,120, 76,126, 80,134, 86,140, 91,145, 98,146,101
2640 DATA 146,103,144,104,137,101,  0,  0
2650 DATA 194,  0,200,  6,205, 13,208, 19,211, 27,213, 35,214, 43,214, 52
2660 DATA 213, 60,211, 67,209, 68,211, 58,211, 54,210, 49,208, 43,205, 37
2670 DATA 206, 46,206, 54,205, 61,203, 68,200, 74,196, 80,192, 85,187, 91
2680 DATA 184, 96,181,104,  0,  0
2690 DATA  45,  0, 41,  5, 37, 11, 33, 19, 30, 28, 29, 28, 28, 25, 28, 23
2700 DATA  27, 23, 25, 27, 22, 35, 19, 45, 17, 58, 16, 70, 18, 90, 18,104
2710 DATA  16,121, 13,141,  9,157,  5,170,  0,183,  0,  0
2720 DATA  42,  0, 37,  5, 33, 10, 30, 15, 28, 20, 27, 15, 27, 12, 28,  7
2730 DATA  27,  7, 25, 11, 24, 17, 24, 21, 23, 26, 21, 31, 17, 38, 13, 47
2740 DATA  11, 57, 10, 67, 10, 85,  9,102,  7,117,  5,130,  0,150,  0,  0
2750 DATA  82,150, 84,158, 84,165, 82,172,  0,  0
2760 DATA  49,210, 45,218, 38,231, 32,241, 26,250,  0,  0
2770 DATA  98,153,100,160,101,168,102,178,  0,  0
2780 DATA 180,144,185,151,193,159,203,168,213,176,221,183,227,190,231,196
2790 DATA 235,203,240,214,243,223,245,231,246,238,  0,  0
2800 'ﾌｸ (ﾐｷﾞ)
2810 DATA  44,250, 49,210, 52,195, 55,188, 60,182, 66,177, 72,174, 79,172
2820 DATA  84,172, 92,174,100,178,107,182,116,190,124,199,131,209,138,220
2830 DATA 144,232,151,250,  0,  0
2840 DATA 102,179,106,179,112,181,120,185,129,190,135,195,140,201,143,207
2850 DATA 145,217,146,227,148,234,153,250,  0,  0
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2860 DATA  61,191, 64,187, 67,185, 70,185,  0,  0
2870 DATA  77,185, 82,187, 87,191, 92,196, 95,201, 97,206,  0,  0
2880 DATA 100,213,103,222,108,237,111,250,  0,  0
2890 DATA  76,221, 75,226, 75,229, 76,234, 78,240, 82,250,  0,  0
2900 DATA 131,230,133,238,135,250,  0,  0
2910 'ﾌｸ (ﾋﾀﾞﾘ)
2920 DATA 159,201,161,200,164,199,168,199,176,197,180,197,191,199,201,202
2930 DATA 207,205,212,209,216,214,219,219,  0,  0
2940 DATA 205,212,210,216,219,219,226,222,233,226,238,231,243,237,  0,  0
2950 DATA 228,232,243,237,252,241,260,246,266,250,  0,  0
2960 'ｴﾘ
2970 DATA 155,201,157,201,162,203,189,216,197,219,205,221,203,223,214,225
2980 DATA 221,227,225,229,228,232,233,240,242,250,  0,  0
2990 DATA 157,206,159,206,168,210,181,218,215,238,222,244,228,250,  0,  0
3000 DATA 212,237,215,247,205,246,  0,  0
3010 DATA 179,250,155,225,149,219,145,217,149,217,154,219,191,240,199,244
3020 DATA 213,250,  0,  0
3030 DATA 150,239,157,244,168,250,  0,  0
3040 DATA 153,240,156,239,159,236,159,234,158,231,158,229,  0,  0
3050 'ｸﾋﾞ,ﾑﾈ
3060 DATA 154,172,153,180,153,188,154,195,155,202,157,209,  0,  0
3070 DATA 194,236,202,238,207,240,212,243,215,247,  0,  0
3080 DATA 999,999
3500 'ｻｰｸﾙ 1
3510 DATA   0,  0,  0
4000 'ﾍﾟｲﾝﾄ
4010 DATA 55FF55AAFFAA,                135,105,106,160,150,210,199,242
4020 DATA                              175,130,153,139,  0,  0
4030 DATA AAFFFF55FFFF,                135,135,120,175,190,235,165,125
4040 DATA                              125,110,208,243,118,112, 85,140
4050 DATA                                0,  0
4060 DATA FF0000,                       50,110,  0,  0
4070 DATA 550000AA0000,                180, 40, 15, 90, 90,165, 40,240
4080 DATA                              190,190, 70,  3,  0,  0
4090 DATA 000000,                      113,120,160,105,  0,  0
4100 DATA 00AA00005500,                120,120,164,101,110,122,  0,  0
4110 DATA EEFFFF77FFFFBBFFFFDDFFFF,     90,210,130,200,  0,  0
4120 DATA 00FFFF,                      195,210,  0,  0
4130 DATA FF00FF,                      150,230,180,240,  0,  0
4140 DATA FF5555FFAAAA,                220,247,210,230,250,245,165,245
4150 DATA                              155,247,  0,  0
4160 DATA 55FF55AAFFAA,                151,152,  0,  0
4170 DATA 00FF5500FFAA,                155,150,999,999
5000 'ﾗｲﾝｻｲｼｮﾘ
5010      'ﾒ
5020 DATA   7
5030 DATA 103,121,105,125,107,127,  0,  0
5040 DATA 112,129,116,129,  0,  0
5050 DATA 123,127,127,125,  0,  0
5060 DATA 130,122,131,118,131,115,  0,  0
5070 DATA  93,110, 96,110,102,112,107,115,  0,  0
5080 DATA 126,109,131,112,135,115,138,115,141,112,145,109,147,109,151,108
5090 DATA   0,  0
5100 DATA 151,116,152,120,  0,  0
5110 DATA 158,129,159,131,  0,  0
5120 DATA 157,105,156,107,156,109,157,111,  0,  0
5130 DATA 162,112,166,111,  0,  0
5140 DATA 171,108,174,105,  0,  0
5150 DATA 175,101,174, 98,999,999
5160 DATA   0
5170 DATA 100,112,105,108,110,105,114,105,130,108,138,108,135,109,129,109
5180 DATA 122,107,114,105,  0,  0
5190 DATA 161, 98,164, 94,168, 92,171, 92,  0,  0
5200 DATA 174, 98,177, 98,180, 96,  0,  0
5210 DATA 178, 88,174, 86,170, 86,165, 89,162, 92,158, 97,155,102,154,102
5220 DATA 154,101,157, 96,161, 91,165, 88,170, 86,999,999
5230      'ｶｹﾞ
5240 DATA   7
5250 DATA 159,134,155,136,151,137,149,138,149,140,152,142,157,142,  0,  0
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5260 DATA 158,138,161,141,164,145,166,152,166,157,165,163,163,170,  0,  0
5270 DATA  98,138,102,154,106,158,  0,  0
5280 DATA 102,170,105,167,109,164,112,162,  0,  0
5290 DATA 128,169,132,173,136,178,139,185,141,193,142,200,142,204,  0,  0
5300 DATA 158,119,160,124,160,127,161,132,163,134,165,134,169,132,171,130
5310 DATA 173,126,174,121,173,117,171,115,169,115,166,116,162,118,158,119
5320 DATA   0,  0
5330 DATA 174,230,180,230,190,232,196,234,200,237,  0,  0
5340 DATA 188,238,193,238,200,240,205,243,208,246,999,999
5350      'ﾐﾐ
5360 DATA   0
5370 DATA  76,131, 79,131, 83,133, 91,141,  0,  0
5380 DATA  81,141, 78,137, 78,135, 80,133, 83,133,  0,  0
5390 DATA  88,146, 84,145, 82,142, 82,140, 85,138, 88,139,999,999
5400      'ｶﾐ
5410 DATA   1
5420 DATA  68,  0, 67,  3, 67,  5, 69,  7, 71,  7, 76,  5, 85,  0,  0,  0
5430 DATA  90,  0, 90,  2, 88,  4, 85,  6, 84,  8, 84, 10, 87, 12, 90, 12
5440 DATA  98,  9,104,  7,113,  5,119,  5,130,  7,139, 11,145, 15,151, 20
5450 DATA 157, 27,162, 34,164, 38,164, 40,162, 40,158, 36,154, 33,147, 29
5460 DATA 145, 29,145, 31,150, 38,155, 45,158, 52,160, 60,160, 68,159, 70
5470 DATA 158, 70,155, 62,152, 57,148, 52,144, 48,142, 48,146, 56,150, 65
5480 DATA 152, 75,153, 83,153, 92,152, 96,150, 99,148, 99,  0,  0
5490 DATA 146,101,146,103,144,104,137,101,  0,  0
5510 DATA  45,  0, 41,  5, 37, 11, 33, 19, 30, 28, 29, 28, 28, 25, 28, 23
5520 DATA  27, 23, 25, 27, 22, 35, 19, 45, 17, 58, 16, 70, 18, 90, 18,104
5530 DATA  16,121, 13,141,  9,157,  5,170,  0,183,  0,  0
5540 DATA  82,150, 84,158, 84,165, 82,172,  0,  0
5550 DATA  49,210, 45,218, 38,231, 32,241, 26,250,999,999
5560 DATA   5
5570 DATA 153,240,156,239,159,236,159,234,158,231,158,229,999,999
5580 DATA 999
6000 'ﾗｲﾝｽﾀｲﾙ
6010 DATA AAAA
6020 DATA  93,110,  6,96,110,102,112,107,115,  0,  0
6030 DATA 126,109,  6,131,112,135,115,138,115,141,112,145,109,147,109,151,108
6040 DATA   0,  0
6050 DATA 151,116,  6,152,120,  0,  0
6060 DATA 158,129,  6,159,131,  0,  0
6070 DATA 159,134,  6,155,136,151,137,149,138,149,140,152,142,157,142,  0,  0
6080 DATA 158,138,  6,161,141,164,145,166,152,166,157,165,163,163,170,  0,  0
6090 DATA  98,148,  6,102,154,106,158,  0,  0
6100 DATA 102,170,  6,105,167,109,164,112,162,  0,  0
6110 DATA 128,169,  6,132,173,136,178,139,185,141,193,142,200,142,204,  0,  0
6120 DATA 158,119,  6,160,124,160,127,161,132,163,134,165,134,169,132,171,130
6130 DATA 173,126,174,121,173,117,171,115,169,115,166,116,162,118,158,119
6140 DATA   0,  0
6150 DATA 174,230,  6,180,230,190,232,196,234,200,237,  0,  0
6160 DATA 188,238,  6,193,238,200,240,205,243,208,246,  0,  0
6170 DATA 999,999,999
7000 'ｻｰｸﾙ 2
7010 DATA 0.5
7020 DATA   7,  7,0.5,117,122,160,105,163,106,  0,  0
7030 DATA 0.7
7040 DATA   7,  7,0.5,113,120,999,999
8000 'ﾃﾝ
8010 DATA 888,888,888
9000 DATA   3
9010 DATA 236, 34,256, 37,255, 50,233, 46,236, 34,  0,  0
9020 DATA 257, 57,254, 53,250, 50,245, 49,240, 49,232, 52,234, 65,238, 62
9030 DATA 242, 61,244, 61,246, 62,247, 65,247, 67,245, 70,241, 73,233, 78
9040 DATA 247, 85,252, 81,255, 77,257, 73,257, 76,259, 80,262, 83,266, 85
9050 DATA 269, 85,274, 83,278, 80,281, 77,281, 84,313, 84,313, 74,302, 74
9060 DATA 302, 72,309, 72,309, 64,302, 64,302, 62,309, 62,309, 53,302, 53
9070 DATA 302, 50,309, 50,309, 45,311, 58,315, 57,318, 83,328, 82,326, 68
9080 DATA   0,  0
9090 DATA 257, 57,263, 50,258, 50,258, 35,280, 35,  0,  0
9100 DATA 282, 47,274, 54,278, 56,282, 60,284, 50,282, 50,282, 46,  0,  0
9110 DATA 280, 35,279, 28,293, 26,299, 26,312, 28,311, 45,314, 44,313, 35
```

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9120 DATA 323, 34,324, 44,326, 34,337, 36,337, 37,345, 35,347, 35,352, 37
9130 DATA 356, 40,358, 43,362, 31,382, 36,378, 49,358, 43,  0,  0
9140 DATA 326, 67,328, 70,332, 68,337, 63,338, 59,338, 54,337, 50,341, 49
9150 DATA 343, 49,346, 51,347, 53,347, 56,346, 60,342, 65,336, 70,330, 73
9160 DATA 339, 84,349, 75,353, 70,356, 66,356, 70,364, 71,367, 69,369, 69
9170 DATA 369, 71,366, 73,356, 76,371, 84,375, 82,378, 79,381, 75,382, 71
9180 DATA 382, 67,380, 63,377, 60,373, 58,370, 58,372, 49,360, 45,359, 47
9190 DATA 358, 43,  0,  0
9200 DATA 326, 67,322, 61,327, 57,327, 56,326, 54,324, 55,325, 58,  0,  0
9210 DATA 337, 50,334, 47,335, 44,337, 50,  0,  0
9220 DATA 283, 68,282, 74,291, 74,291, 72,285, 72,285, 68,288, 68,289, 63
9230 DATA 291, 63,291, 64,289, 64,  0,  0
9240 DATA 290, 50,290, 53,292, 53,292, 50,290, 50,  0,  0
9250 DATA 341,117,333,117,333,105,334,102,336, 99,339, 97,343, 96,347, 96
9260 DATA 352, 97,356,101,358,104,359,108,359,113,358,118,356,123,353,128
9270 DATA 342,142,341,144,341,146,360,146,360,153,333,153,333,143,348,122
9280 DATA 350,118,351,113,351,110,350,106,347,104,345,104,342,106,341,110
9290 DATA 341,117,  0,  0
9300 DATA 999,999
9400 DATA   0,  0,  0
9500 DATA FFFF00, 300, 50,350,125,250, 40,370, 40,999,999
9600 DATA   7
9610 DATA 264, 65,266, 64,269, 64,272, 67,268, 65,264, 65,  0,  0
9620 DATA 274, 77,270, 79,266, 79,263, 77,262, 74,263, 71,267, 69,270, 70
9630 DATA 272, 73,273, 77,  0,  0
9640 DATA 326, 67,322, 61,327, 57,327, 56,326, 54,324, 55,325, 58,  0,  0
9650 DATA 337, 50,334, 47,335, 44,337, 50,  0,  0
9660 DATA 283, 68,282, 74,291, 74,291, 72,285, 72,285, 68,288, 68,289, 63
9670 DATA 291, 63,291, 64,289, 64,  0,  0
9680 DATA 290, 50,290, 53,292, 53,292, 50,290, 50,  0,  0
9690 DATA 235, 40,255, 43,  0,  0
9700 DATA 233, 58,238, 56,243, 55,246, 55,250, 57,252, 61,253, 66,253, 68
9710 DATA 251, 73,248, 76,241, 81,  0,  0
9720 DATA 257, 57,255, 59,257, 71,  0,  0
9730 DATA 258, 70,257, 73,  0,  0
9740 DATA 258, 42,277, 42,260, 61,265, 59,270, 59,274, 61,277, 66,277, 72
9750 DATA 274, 77,  0,  0
9760 DATA 280, 35,282, 46,  0,  0
9770 DATA 282, 60,280, 68,285, 68,  0,  0
9780 DATA 281, 74,281, 77,  0,  0
9790 DATA 292, 35,296, 29,300, 35,307, 35,302, 41,306, 48,296, 45,286, 48
9800 DATA 290, 41,283, 36,292, 35,  0,  0
9810 DATA 287, 50,284, 68,  0,  0
9820 DATA 297, 51,297, 79,  0,  0
9830 DATA 286, 58,309, 58,  0,  0,288, 68,309, 68,  0,  0
9840 DATA 282, 79,312, 79,  0,  0,309, 50,309, 45,311, 45,  0,  0
9850 DATA 317, 35,323, 82,  0,  0
9860 DATA 310, 51,322, 48,325, 48,329, 50,331, 53,332, 57,332, 60,330, 63
9870 DATA 326, 66,  0,  0
9880 DATA 337, 37,333, 39,335, 44,  0,  0
9890 DATA 335, 44,341, 42,345, 42,350, 44,353, 47,354, 51,353, 58,350, 65
9900 DATA 345, 71,335, 79,  0,  0
9910 DATA 359, 47,359, 59,356, 66,  0,  0,360, 37,380, 43,  0,  0
9920 DATA 366, 48,362, 66,367, 63,371, 63,375, 65,377, 69,377, 71,375, 74
9930 DATA 372, 77,366, 81,  0,  0,332, 35,329, 50,  0,  0
9940 DATA 282, 50,309, 50,999,999
9950 DATA 999
9960 DATA 999,999,999,999
9970 DATA 999,999,999,999,999,999
9980 DATA 999,999,999
10000 '┌──────────────────────────────────────────────────────────────┐
10010 '│                                                              │
10020 '│       ﾋﾞｭｰﾃｨﾌﾙ  ﾄﾞﾘｰﾏｰ  (ｻｸﾗ)            FOR PC-8801         │
10030 '│                                                              │
10040 '│                                            1983年12月31日     │
10050 '│                                                              │
10060 '│ Copyright  ﾀｶﾊｼﾙﾐｺ / ｼｮｳﾞｸｶﾝ ･ ｷﾃｨｴﾝﾀｰﾌﾟﾗｲｽﾞ ･ ﾌｼﾞﾃﾚﾋﾞ         │
10070 '│                                                              │
10080 '└──────────────────────────────────────────────────────────────┘
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うる星やつら せめて最後の口づけを…

PC—8801/mkII

森田英雄

あこがれのラムさんと最後の口づけを…

わりと印象深いシーンだったので覚えている人も多いかと思います。これは、TVの「消えないルージュマジック」のワンカットで、メガネ君のラムさんとのキスの想像図なのでした。TVではこの部分はセピア色の画面で、CGにするとき色の選択に困ったんじゃないかと思います。それでちょっとパッとしない色あいになってしまったのでしょう。セピア色のままで通すか、普通の色でいくか迷って、どっちつかずになってしまったようですね。8色しか出ない今のマイコンでのCGなら、なるべくハデな色にした方が有利でしょう。

このプログラムは、絵を描いている間何も表示されず、描き終わったあとにパッと表示されますので、リストを打ち込んだ人はおどろかないでくださいね。

また、PC—8801mkIIでは問題ありませんが、タイトルの表示に漢字を使っています。旧88で漢字ROMのない人はその部分をけずるか、てきとうなカナ文字のPRINT文に直してください。

さきほど色の使い方にもふれましたが、絵全体についてももう一歩というところです。背景にカゲをつけてアクセントを出したところはよいのですが、模様と色あいがちょっと単調だったようで残念なところです。

でも、たったの4ヵ月でめんどうなN88-BASICをここまで使えるようになったのは立派。期待してます。

作者のプロフィール

「プログラムはごくやさしいもので作ってありますので、理解しやすいと思います。ここで自己紹介させてもらうと、17才で現在工業高校の2年生です。マイコン歴は1年ちょっとで、現在使用しているPC-8801mkIIを手に入れたのが高1の終わり。このCGは使用はじめて4ヵ月目ごろ作りました」

うる星やつら せめて最後の口づけを… プログラムリスト

```
8 COLOR=(7,7):COLOR=(6,6):COLOR=(4,4):COLOR=(3,3):COLOR=(2,2):COLOR=(1,1):COLOR=
(5,5): COLOR=(0,0)
9 CLS 3 : GOSUB 7200 : FOR I=0 TO 2200: NEXT I
10 CONSOLE 0,25,0,1:COLOR 0,7: SCREEN 0,0:CLS 3: LOCATE ,,1
20 GOTO 1000
30 ' LINE -----------------------------------------------
50 READ X,Y : IF X=999 AND Y=999 THEN RETURN
60 PSET (X,Y)
70 READ X,Y :IF X=0 AND Y=0 THEN GOTO 50
80 LINE -(X,Y),C  :GOTO 70
90 ' PAINT TILE -----------------------------------------
100 A$=CHR$(182)+CHR$(0)+CHR$(191)+CHR$(107)+CHR$(0)+CHR$(251)
110 B$=CHR$(73 )+CHR$(0)+CHR$(85 )+CHR$(148)+CHR$(0)+CHR$(170)
120 C$=CHR$(171)+CHR$(255)+CHR$(239)+CHR$(186)+CHR$(255)+CHR$(254)
130 D$=CHR$(239)+CHR$(255)+CHR$(255)+CHR$(254)+CHR$(255)+CHR$(255)
140 E$=CHR$(68 )+CHR$(221)+CHR$(221)+CHR$(136)+CHR$(187)+CHR$(187)
150 F$=CHR$(85 )+CHR$(255)+CHR$(255)+CHR$(85 )+CHR$(255)+CHR$(255)
160 G$=CHR$(255)+CHR$(85 )+CHR$(255)+CHR$(255)+CHR$(170)+CHR$(255)
170 H$=CHR$(170)+CHR$(255)+CHR$(187)+CHR$(170)+CHR$(255)+CHR$(238)
180 I$=CHR$(73 )+CHR$(68 )+CHR$(68 )+CHR$(148)+CHR$(17 )+CHR$(17 )
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190 J$=CHR$(&H0)+CHR$(&H0)+CHR$(&H0)+CHR$(&H0)+CHR$(&HFE)+CHR$(&H0)+CHR$(&H0)+CH
R$(&HFE)+CHR$(&H0)+CHR$(&H0)+CHR$(&HFE)+CHR$(&H0)+CHR$(&HFE)+CHR$(&H0)
200 K$=CHR$(&H0)+CHR$(&H0)+CHR$(&H0)+CHR$(&H33)+CHR$(&H33)+CHR$(&H33)+CHR$(&H33)
+CHR$(&H33)+CHR$(&H33)+CHR$(&H33)+CHR$(&H33)+CHR$(&H33)
210 L$=CHR$(&H0)+CHR$(&H0)+CHR$(&H0)+CHR$(&H3)+CHR$(&H3)+CHR$(&H3)+CHR$(&H3)+CHR
$(&H3)+CHR$(&H3)+CHR$(&H3)+CHR$(&H3)+CHR$(&H3)+CHR$(&H3)+CHR$(&H3)+CHR$(&H3)+CHR
$(&H3)+CHR$(&H3)+CHR$(&H3)
220 M$=CHR$(&H0)+CHR$(&H0)+CHR$(&H0)+CHR$(&HEE)+CHR$(&HEE)+CHR$(&HEE)+CHR$(&HEE)
+CHR$(&HEE)+CHR$(&HEE)+CHR$(&HEE)+CHR$(&HEE)+CHR$(&HEE)+CHR$(&HEE)+CHR$(&HEE)+CH
R$(&HEE)+CHR$(&HEE)+CHR$(&HEE)+CHR$(&HEE)
230 N$=CHR$(&H0)+CHR$(&H0)+CHR$(&H0)+CHR$(&HFE)+CHR$(&HFE)+CHR$(&HFE)+CHR$(&HFE)
+CHR$(&HFE)+CHR$(&HFE)+CHR$(&HFE)+CHR$(&HFE)+CHR$(&HFE)+CHR$(&HFE)+CHR$(&HFE)+CH
R$(&HFE)+CHR$(&HFE)+CHR$(&HFE)+CHR$(&HFE)
240 RETURN
250 'PAINT -------------------------------------------------
270 READ X,Y : IF X=0 AND Y=0 THEN RETURN
280 PAINT (X,Y ), 0 ,0 : GOTO 270
290 ' LINE ｹｼ
310 READ X,Y : IF X=999 AND Y=999 THEN RETURN
320 PSET (X,Y)
330 READ X,Y : IF X=0 AND Y=0 THEN GOTO 310
340 LINE-(X,Y),C,,L: GOTO 330
1000 ' LINE SUB ----------------------------------------
1010 RESTORE 5000 : C=0 : GOSUB 50  : COLOR=(5,0)
1020 ' ｶｹﾞ LINE----------------------------------------
1030 RESTORE 6000 : C=0 : GOSUB 50
1040 RESTORE 6040 : C=0 : GOSUB 50
1050 RESTORE 6060 : C=0 : GOSUB 50
1060 RESTORE 6140 : C=0 : GOSUB 50
1070 'PAINT ｸﾛ ----------------------------------------
1080 RESTORE 7000 : GOSUB 250
1090 ' PAINT LUM ｶﾐ ---------------------------------------------
1100 RESTORE 7050:GOSUB 100  :GOSUB 1500
1110 RESTORE 7060 :GOSUB 100 : GOSUB 1530
1120 RESTORE 7080:GOSUB 100 : GOSUB 1550
1130 RESTORE 7090 :GOSUB 100 : GOSUB 1570
1140 RESTORE 7110:GOSUB 100 : GOSUB 1580
1150 RESTORE 7130 :GOSUB 100 : GOSUB 1600
1160 RESTORE 7150 :GOSUB 100 : GOSUB 1620
1170 RESTORE 7170 :GOSUB 100 : GOSUB 1640
1180 RESTORE 7190 :GOSUB 100 : GOSUB 1660
1200 ' ｶｹﾞ ｹｼ  ｼﾛ -----------------------------------------
1210 RESTORE 6000 : C=7 : GOSUB 50
1220 ' ｶｹﾞ ｹｼ  ﾎﾞｳｼ ---------------------------------------
1230 RESTORE 6040 : C=6 : L=21845: GOSUB 290
1240 ' ｶｹﾞ ｹｼ  ﾎﾞｳｼ ---------------------------------------
1250 RESTORE 6040 : C=7 : L=-21845 : GOSUB 290
1260   ' ﾒｶﾞﾈ -------------------------------------------------
1270   RESTORE 6060 : C=6 : L=21845 : GOSUB 290
1280 RESTORE 6060 : C=7 : L=-21845 : GOSUB 290
1290 ' ﾒｶﾞﾈ ---------------------------------------------------
1300 RESTORE 6140 : C=7 : GOSUB 50 : GOTO 1310
1310 ' PAINT ﾊﾞｯｸ ------------------------------------
1320 PAINT (639,1),N$,0
1330 PAINT (510,54),J$,0
1340 PAINT (265,130),J$,0
1350 PAINT (233,93),J$,0
1360 PAINT (233,162),J$,0
1370 PAINT (234,83),J$,0
1380 COLOR=(7,7):COLOR=(6,6):COLOR=(4,4):COLOR=(3,3):COLOR=(2,2):COLOR=(1,1):COL
OR=(5,5)
1390 FOR I=1 TO 1000 : NEXT I: COLOR =(7,5) : FOR I=1 TO 1000 : NEXT I : COLOR =
(7,7)
1400 GOTO 1390
1500 ' PAINT --------------------------------------------------
1510 READ X,Y  : IF X=0 AND Y=0 THEN RETURN
1520 PAINT (X,Y),A$,0 :GOTO 1510
1530 READ X,Y  : IF X=0 AND Y=0 THEN RETURN
1540 PAINT (X,Y),B$,0 :GOTO 1530
1550 READ X,Y  : IF X=0 AND Y=0 THEN RETURN
1560 PAINT (X,Y),C$,0 :GOTO 1550
1570 READ X,Y  : IF X=0 AND Y=0 THEN RETURN
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1575 PAINT(X,Y),D$,0 : GOTO 1570
1580 READ X,Y  : IF X=0 AND Y=0 THEN RETURN
1590 PAINT (X,Y),E$,0 :GOTO 1580
1600 READ X,Y  : IF X=0 AND Y=0 THEN RETURN
1610 PAINT (X,Y),F$,0 :GOTO 1600
1620 READ X,Y  : IF X=0 AND Y=0 THEN RETURN
1630 PAINT (X,Y),G$,0 :GOTO 1620
1640 READ X,Y  : IF X=0 AND Y=0 THEN RETURN
1650 PAINT (X,Y),H$,0 :GOTO 1640
1660 READ X,Y  : IF X=0 AND Y=0 THEN RETURN
1670 PAINT (X,Y),I$,0 :GOTO 1660
5000 'LINE DATA ------------------------------------------------
5010 DATA 0,53,12,51,28,48,55,42,96,34,125,28,158,19,171,15,183,12,199,8,211,4,2
17,0,0,0
5020 DATA 210,4,211,7,213,13,222,22,216,27,198,34,173,42,146,49,103,59,60,68,26,
75,0,79,0,0
5030 DATA 222,22,222,18,221,15,226,21,227,22,227,25,236,30,240,34,242,40,242,44,
241,48,240,41,238,39,235,37,236,41,234,45,233,49,230,44,225,55,221,61,212,69,212
,62,200,72,184,79,180,80,0,0
5040 DATA 180,80,188,75,192,71,193,69,194,67,193,64,191,64,185,71,177,77,163,82,
142,91,115,105,106,112,101,117,101,120,108,138,111,143,115,148,120,153,132,158,1
51,166,133,163,147,172,169,184,190,190,193,192,170,187,203,199,0,0
5050 DATA 135,199,118,183,104,164,98,154,98,150,91,129,88,121,80,114,72,106,59,9
9,51,95,42,94,38,96,36,98,36,100,37,102,40,105,41,108,42,112,46,122,51,131,56,13
4,71,141,83,144,88,145,91,145,96,144,0,0
5060 DATA 45,107,49,105,53,105,59,107,68,113,77,120,81,124,84,127,83,130,82,132,
77,132,77,134,75,135,72,135,70,134,59,126,52,121,52,118,53,115,56,115,59,116,61,
118,0,0
5070 DATA 80,132,85,134,88,137,91,138,0,0
5080 DATA 116,104,113,116,114,118,117,122,130,134,142,143,157,151,177,158,208,16
4,225,168,241,173,258,181,235,172,227,170,216,168,248,181,263,188,267,191,246,18
3,272,196,277,199,0,0
5090 DATA 71,66,62,74,57,83,56,88,56,97,0,0
5100 DATA 226,53,230,58,231,63,231,66,230,71,225,81,225,84,226,88,232,94,239,98,
248,99,259,100,261,102,261,104,260,107,256,114,256,115,257,117,259,121,258,123,2
48,129,254,128
5110 DATA 257,128,259,130,259,132,258,134,259,136,261,139,262,142,263,144,263,14
6,262,148,260,149,257,150,243,152,217,156,191,157,175,157,0,0
5120 DATA 238,153,231,155,224,158,219,160,216,162,214,165,216,163,0,0
5130 DATA 92,146,89,158,85,170,82,175,68,190,51,199,0,0
5140 DATA 82,175,95,177,113,177,0,0
5150 DATA 59,195,102,197,134,199,0,0
5160 DATA 51,131,50,149,45,168,36,160,23,177,6,183,0,184,0,0
5170 'PP --------------------------------------------------------------
5180 DATA 240,36,246,38,252,42,253,45,254,48,255,50,249,45,252,50,253,52,252,54,
250,59,249,55,248,62,243,67,240,70,241,68,239,69,236,71,234,73,226,77,0,0
5190 DATA 203,32,209,38,210,40,210,43,209,45,208,49,206,47,198,59,197,54,195,49,
190,60,186,65,186,61,174,70,171,72,171,69,159,78,148,83,128,89,106,96,98,100,86,
110,81,99
5200 DATA 80,88,82,77,85,83,92,71,100,62,100,64,106,58,0,0
5210 DATA 211,72,189,78,177,82,168,87,184,81,204,76,213,74,213,73,212,73,211,72,
210,70,213,73,0,0
5220 DATA 201,83,197,82,191,83,183,88,179,92,177,99,177,102,177,104,179,105,0,0
5230 DATA 207,87,207,90,209,93,211,95,0,0
5240 'メ --------------------------------------------------------------
5250 DATA 213,98,212,99,194,104,177,107,171,111,180,108,188,107,198,104,207,102,
211,100,0,0
5260  ' メガネ -------------------------------------------------------
5270 DATA 250,41,255,37,260,32,258,41,259,45,264,54,271,59,281,67,283,69,0,0
5280 DATA 287,69,280,54,279,50,280,47,288,36,0,0
5290 DATA 285,41,284,47,284,53,290,45,291,43,0,0
5300 DATA 291,36,290,42,291,44,296,49,306,53,302,48,301,45,302,41,305,35,318,29,
316,34,317,37,320,42,319,37,320,35,322,33,328,40,337,46,347,49,367,51,396,49,422
,46,436,47,451,50,0,0
5310 DATA 368,51,372,53,374,58,376,62,386,67,409,70,425,71,435,72,438,75,439,78,
436,85,434,89,434,92,433,95,432,101,430,103,428,104,422,104,423,98,421,93,417,88
,416,83,417,77,421,71,0,0
5320 DATA 394,68,399,77,399,82,396,89,396,95,403,105,405,108,405,104,413,113,420
,118,422,111,423,107,423,104,0,0
5330 DATA 256,113,263,118,267,123,269,127,273,129,275,131,280,136,284,140,287,14
2,292,144,301,144,315,143,336,145,342,143,361,138,377,131,390,127,405,120,407,11
8,407,116,0,0
```

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5340 DATA 375,199,379,197,378,194,376,191,369,185,360,181,390,174,390,166,388,16
3,383,157,368,150,384,142,401,131,427,118,464,102,486,97,504,94,515,104,521,108,
524,120,524,128,521,130
5350 DATA 515,132,517,133,519,136,516,136,539,138,553,141,576,150,597,160,621,17
0,639,178,0,0
5360 DATA 419,199,429,183,454,163,471,149,477,143,496,131,502,129,0,0
5370 DATA 475,172,488,161,488,157,491,145,501,135,0,0
5380 DATA 535,199,551,180,575,157,581,153,0,0
5390 DATA 446,148,485,130,514,113,520,108,0,0
5400 DATA 482,98,483,93,482,89,481,88,485,91,486,78,484,74,488,83,486,69,484,63,
475,54,475,41,466,23,445,6,432,0,0,0
5410 DATA 378,62,389,65,410,68,438,68,452,72,0,0
5420 DATA 322,144,324,148,323,150,322,153,323,155,331,159,339,167,0,0
5430 DATA 263,143,281,138,0,0
5440 DATA 234,154,230,159,250,162,269,165,278,168,285,175,268,181,267,183,270,18
5,270,194,0,0
5450 DATA 256,163,231,170,0,0
5460 DATA 328,158,310,167,300,176,300,181,300,189,302,199,0,0
5470 DATA 324,199,313,181,308,173,308,169,0,0
5480 DATA 332,199,365,183,0,0
5490 DATA 369,179,390,167,0,0
5500 DATA 349,175,357,174,366,171,372,168,382,166,0,0
5510 DATA 338,174,328,168,324,167,319,168,318,169,0,0
5520 DATA 360,163,367,153,0,0
5530 DATA 377,143,389,130,0,0
5540 DATA 392,88,392,92,392,94,390,97,382,101,371,107,372,116,371,118,0,0
5550 DATA 243,66,266,66,271,67,274,70,289,70,292,66,347,61,352,62,354,64,358,69,
389,68,0,0
5560 DATA 242,68,264,68,270,70,274,73,289,73,294,76,294,69,299,67,344,63,352,65,
355,70,357,74,397,69,0,0
5570 DATA 294,75,295,79,302,88,305,90,310,90,350,88,357,87,360,85,357,73,0,0
5580 DATA 273,73,279,86,278,88,276,90,241,92,232,89,231,87,227,76,0,0
5590 DATA 231,75,236,80,240,85,241,88,242,98,0,0
5600 DATA 285,89,280,92,276,94,276,96,278,98,281,100,284,101,286,103,288,105,289
,107,0,0
5610 DATA 282,100,286,101,287,100,302,99,305,100,309,102,311,104,0,0
5620 DATA 285,121,289,120,295,121,302,122,310,121,315,120,322,120,340,122,0,0
5630 DATA 303,129,317,129,0,0
5640 DATA 293,66,290,65,331,50,339,48,347,52,339,51,310,63,0,0
5650 DATA 272,68,274,66,259,63,249,58,0,0
5660 DATA 247,63,253,66,0,0
5670 DATA 318,67,323,66,332,68,337,71,341,76,342,78,0,0
5680 DATA 425,77,427,75,429,75,432,76,432,79,429,90,429,92,429,94,427,95,426,94,
0,0
5690 DATA 428,82,425,82,424,84,424,87,426,89,426,91,0,0
5700 DATA 422,112,429,117,0,0
5710 ' ﾒ ------------------------------------------------------------
5720 DATA 312,82,323,82,327,81,339,79,339,80,325,82,326,83,310,83,0,0
5730 ' ﾊﾞｯｸ ---------------------------------------------------------
5740 DATA 505,0,548,45,536,78,572,107,570,123,581,136,639,155,0,0,999,999
6000 ' LUM ｶｹﾞ LINE ----------------------------------------
6010 DATA 156,85,152,90,150,96,150,109,154,115,169,131,187,145,209,153,224,155,0
,0
6020 DATA 260,104,250,108,248,110,249,112,255,115,0,0,999,999
6030 ' ﾎﾞｳｼ ｶｹﾞ LINE ----------------------------------------
6040 DATA 157,0,171,8,172,10,170,15,172,18,168,23,166,27,169,34,176,40,178,40 ,0
,0,999,999
6050 ' ﾒｶﾞﾈ ｶｹﾞ LINE
6060 DATA 330,42,329,50,0,0
6070 DATA 329,55,329,62,0,0
6080 DATA 310,104,299,107,290,110,289,113,291,115,294,117,293,120,0,0
6090 DATA 293,122,296,127,301,132,308,135,309,137,308,141,308,143,0,0
6100 DATA 390,96,389,105,384,108,379,111,372,117,0,0
6110 DATA 309,90,314,95,314,99,313,102,310,104,0,0,999,999
6130 ' ﾒｶﾞﾈ / ﾒｶﾞﾈ  ｶｹﾞ LINE ---------------------------
6140 DATA 256,69,276,89,0,0
6150 DATA 258,90,233,74,0,0
6160 DATA 240,69,267,89,0,0
6170 DATA 335,65,345,71,348,87,0,0
6180 DATA 356,86,348,68,348,65,0,0,999,999
7000 ' PAINT POINT (ｸﾛ)---------------------------------------------
```

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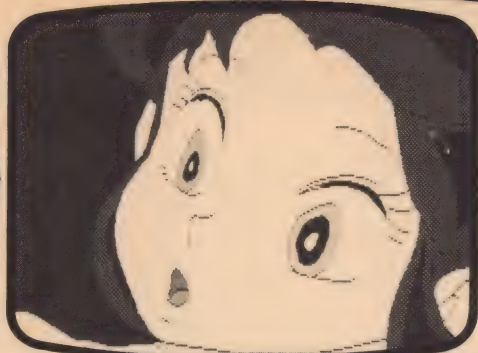
7010 DATA 121,70,53,74,192,105,196,104,200,103,204,102,207,101,187,106,182,107,1
78,108,175,109,111,120,180,190,257,186,259,187,261,188,220,168,226,169
7020 DATA 229,170,239,173,242,174,244,175,313,59,343,51,269,66,272,67,257,65,257
,67,301,66,312,65,324,64,336,63,345,62
7030 'ｶﾐ -------------------------------------------------------------------
7040 DATA 315,0,403,80,0,0
7045 ' PAINT LUM ｶﾐ --------------------------------------------
7050 DATA 210,73,196,77,192,78,189,79,185,80,182,81,179,82,177,83,0,0
7060 DATA 217,32,234,57,54,170,0,0
7070 ' ﾊﾀﾞｲﾛ ---------------------------------------------------------
7080 DATA 129,119,255,109,58,109,89,167,199,158,339,155,310,77,344,58,421,89,334
,47,354,74,0,0
7090 DATA 179,119,0,0
7100 'ﾌｸ ｶｹﾞ -------------------------------------------------------
7110 DATA 72,198,134,9,134,38,571,179,315,155,249,167,260,189,257,188,255,187,0,
0
7120 ' ﾌｸ  -----------------------------------------------------------------------
7130 DATA 84,186,194,21,194,2,410,163,0,0
7140 ' ﾒｶﾞﾈ -----------------------------------------------------------------
7150 DATA 345,68,267,72,251,82,0,0
7160 '
7170 DATA 270,103,255,57,288,55,319,62,377,109,0,0
7180 '
7190 DATA 364,194,382,173,307,187,0,0
7200 ' NAME -------------------------------------------
7210 COLOR=(7,0) : COLOR=(6,0): COLOR =(4,0):COLOR=(3,0):COLOR=(2,0):COLOR=(1,0)
7220 PUT(50,10),KANJI(&H3A6E),PSET,5,0
7230 PUT(70,10),KANJI(&H494A),PSET,5,0
7240 PUT(90,10),KANJI(&H4C3E),PSET,5,0
7250 PUT(70,30),KANJI(&H243B),PSET,5,0
7260 PUT(90,30),KANJI(&H2461),PSET,5,0
7270 PUT(110,30),KANJI(&H2446),PSET,5,0
7280 PUT(130,30),KANJI(&H3A47),PSET,5,0
7290 PUT(150,30),KANJI(&H347C),PSET,5,0
7295 PUT(170,30),KANJI(&H244E),PSET,5,0
7296 PUT(200,30),KANJI(&H387D),PSET,5,0
7300 PUT(220,30),KANJI(&H2445),PSET,5,0
7310 PUT(240,30),KANJI(&H2431),PSET,5,0
7320 PUT(260,30),KANJI(&H2472),PSET,5,0
7330 PUT(280,30),KANJI(&H2145),PSET,5,0
7340 PUT(300,30),KANJI(&H2145),PSET,5,0
7350 PUT(50,50),KANJI(&H3B48),PSET,5,0
7360 PUT(70,50),KANJI(&H4D51),PSET,5,0
7370 PUT(90,50),KANJI(&H3521),PSET,5,0
7380 PUT(110,50),KANJI(&H3C6F),PSET,5,0
7390 PUT(150,50),KANJI(&H2338),PSET,5,0
7400 PUT(170,50),KANJI(&H2338),PSET,5,0
7410 PUT(190,50),KANJI(&H2330),PSET,5,0
7420 PUT(210,50),KANJI(&H2331),PSET,5,0
7430 PUT(230,50),KANJI(&H236D),PSET,5,0
7440 PUT(250,50),KANJI(&H236B),PSET,5,0
7450 PUT(270,50),KANJI(&H2349),PSET,5,0
7460 PUT(280,50),KANJI(&H2349),PSET,5,0
7470 PUT(70,80),KANJI(&H2362),PSET,5,0
7480 PUT(90,80),KANJI(&H2379),PSET,5,0
7490 PUT(120,80),KANJI(&H3F39),PSET,5,0
7500 PUT(140,80),KANJI(&H4544),PSET,5,0
7510 PUT(160,80),KANJI(&H3151),PSET,5,0
7520 PUT(180,80),KANJI(&H4D3A),PSET,5,0
7535 ' PAINT ----------------------
7540 PUT(200,120),KANJI(&H2437),PSET,5,0
7550 PUT(220,120),KANJI(&H2450),PSET,5,0
7560 PUT(240,120),KANJI(&H2469),PSET,5,0
7570 PUT(260,120),KANJI(&H242F),PSET,5,0
7580 PUT(300,120),KANJI(&H245E),PSET,5,0
7590 PUT(320,120),KANJI(&H2443),PSET,5,0
7600 PUT(340,120),KANJI(&H2446),PSET,5,0
7610 PUT(360,120),KANJI(&H242F),PSET,5,0
7620 PUT(380,120),KANJI(&H2440),PSET,5,0
7630 PUT(400,120),KANJI(&H2435),PSET,5,0
7640 PUT(420,120),KANJI(&H2424),PSET,5,0
7650 PUT(440,120),KANJI(&H2144),PSET,5,0
7660 RETURN
```

うる星やつら
ラム

PC—8801/mkII

渡辺寛太

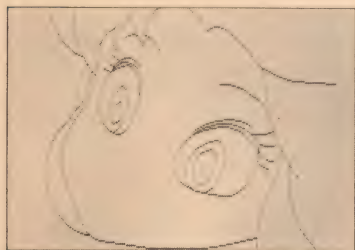
「うる星2」のラムちゃんをCGで!!

映画「うる星2」の冒頭のシーンのラムちゃんです。わりと好んでCGに使われる絵ですが、顔の表情、色の使い方に工夫が見られる作品です。

渡辺くんの手紙によると、このカットをセルに描いて、それをディスプレイにはりつけて座標を拾ったとか。また、ラムちゃんの髪の色を決めるのに4日間かけたとのことで、その努力がちゃんとCG上に表れたようですね。

ただ、背景が黒一色でちょっとさびしいのと、画面全体を使わずに下の方がテキスト3行ほどあまっているのが気になります。せっかくグラフィックツールを作成したのなら、もう少し細かい絵がらに挑戦してみてください。プログラム的にも、もう少し改善の余地がありそうです。

作者のプロフィール

「コンピューター歴1年半、機種はPC-8801mkII model30！　CGの勉強をはじめてから8ヶ月位です。写真とアニメに没頭中！　グラフィックツールはすでに5種類ほどつくりました。ゲームプログラマーになりたいという夢がありながら、そのグラフィック機能に魅せられてしまいました。最近はPC-100により、CGを製作しています」

うる星やつら　ラム　プログラムリスト

```
100 '  ████████████████████████████████████████
110 '
120 '            *** U R U S E I   Y A T S U R A ***
130 '
140 '                 (C)  TAKAHASHI RUMIKO  1984
150 '
160 '      Picture ･･･ Drown by (C) WATANABE SOFT 1984
170 '
180 '          Tool ･･･ Grphic Program Generator
190 '
200 '            ( Wednesday   24. April. 1984 )
210 '
220 '  ████████████████████████████████████████
230 ' ═══ INITIALIZE ═══
240 DEFINT A-Z:DIM TILE$(21):SCREEN 0,0:CLS:WINDOW (10,10)-(630,170):VIEW (0,0)-
(639,172)
250 LINE(0,0)-(639,172),7,BF:FOR I=0 TO 21:IF I=2 OR I=3 THEN READ CB,CR,CG,A,B,
C:TILE$(I)=CHR$(CB)+CHR$(CR)+CHR$(CG)+CHR$(A)+CHR$(B)+CHR$(C):GOTO 260 ELSE READ
 CB,CR,CG:TILE$(I)=CHR$(CB)+CHR$(CR)+CHR$(CG)
```

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```
260 NEXT I
270 ' ===== TILE PALLET DATA =====
280 DATA 0,0,0,0,85,0,85,255,255,170,255,255,0,0,136,0,0,34,0,170,85,170,85,0,25
5,255,0,255,0,255,0,255,255,85,0,255,0,85,255,85,255,0,0,255,85,255,0,85,255,85,
0,255,85,170,85,255,170,85,170,255,255,0,0,0
290 DATA 255,0,0,0,255,255,255,255
300 ' ===== MAIN PROGRAM =====
310 POINT(238,35):LINE-(229,64),0:LINE-(219,77),0:LINE-(212,81),0:LINE-(202,87),
0:LINE-(194,93),0:LINE-(187,104),0:LINE-(186,112),0:LINE-(188,121),0:LINE-(195,1
31),0:LINE-(209,147),0:LINE-(219,155),0:LINE-(228,160),0:LINE-(238,162),0:LINE-(
309,166),0
320 LINE-(383,166),0:LINE-(410,164),0:LINE-(455,160),0:POINT(455,170):LINE-(456,
160),0:LINE-(457,155),0:LINE-(459,149),0:LINE-(464,141),0:LINE-(469,135),0:LINE-
(477,127),0:LINE-(485,118),0:LINE-(487,113),0:LINE-(489,105),0:POINT(542,170)
330 LINE-(522,159),0:LINE-(513,153),0:LINE-(505,143),0:LINE-(501,134),0:LINE-(50
0,114),0:POINT(512,123):LINE-(500,114),0:LINE-(489,105),0:LINE-(482,98),0:LINE-(
473,83),0:LINE-(470,73),0:LINE-(465,58),0:LINE-(462,53),0:POINT(564,64):LINE-(50
7,62),0
340 LINE-(487,59),0:LINE-(470,55),0:LINE-(462,53),0:LINE-(453,48),0:LINE-(439,39
),0:LINE-(429,34),0:LINE-(414,28),0:LINE-(409,27),0:LINE-(404,26),0:LINE-(398,26
),0:LINE-(392,27),0:LINE-(387,29),0:LINE-(377,21),0:LINE-(370,17),0:LINE-(361,13
),0
350 LINE-(349,10),0:LINE-(338,10),0:LINE-(327,11),0:LINE-(313,15),0:LINE-(303,22
),0:LINE-(299,29),0:LINE-(299,34),0:LINE-(297,39),0:LINE-(288,31),0:LINE-(283,24
),0:LINE-(278,17),0:POINT(282,10):LINE-(278,17),0:LINE-(272,24),0:LINE-(265,28),
0
360 LINE-(259,33),0:LINE-(257,37),0:LINE-(260,42),0:LINE-(254,37),0:LINE-(253,33
),0:LINE-(255,29),0:LINE-(257,26),0:POINT(262,23):LINE-(257,26),0:LINE-(245,30),
0:LINE-(238,35),0:LINE-(234,38),0:POINT(231,58):LINE-(222,52),0:LINE-(214,46),0
370 LINE-(205,36),0:LINE-(200,30),0:LINE-(199,24),0:LINE-(199,19),0:LINE-(201,10
),0:POINT(166,10):LINE-(164,13),0:LINE-(164,15),0:LINE-(167,21),0:LINE-(173,27),
0:LINE-(181,33),0:LINE-(191,39),0:LINE-(200,43),0:LINE-(215,46),0:POINT(220,50)
380 LINE-(216,54),0:LINE-(211,59),0:LINE-(206,64),0:LINE-(205,68),0:LINE-(205,73
),0:LINE-(205,77),0:LINE-(205,80),0:POINT(226,54):LINE-(217,72),0:LINE-(211,77),
0:LINE-(205,80),0:LINE-(195,86),0:LINE-(185,92),0:LINE-(172,100),0:LINE-(167,106
),0
390 LINE-(164,112),0:LINE-(163,118),0:LINE-(163,124),0:LINE-(165,129),0:LINE-(16
9,135),0:LINE-(176,141),0:LINE-(181,145),0:LINE-(191,151),0:LINE-(203,155),0:LIN
E-(218,158),0:LINE-(224,158),0:POINT(405,64):LINE-(418,64),0:LINE-(424,65),0
400 LINE-(431,66),0:LINE-(441,68),0:LINE-(447,70),0:LINE-(456,73),0:LINE-(463,76
),0:LINE-(466,78),0:LINE-(468,80),0:LINE-(472,84),0:POINT(322,43):LINE-(317,38),
0:LINE-(312,35),0:LINE-(306,32),0:LINE-(299,31),0:POINT(289,31):LINE-(284,30),0
410 LINE-(276,31),0:LINE-(273,32),0:LINE-(270,33),0:POINT(253,56):LINE-(259,52),
0:LINE-(262,51),0:LINE-(265,50),0:LINE-(270,49),0:LINE-(274,49),0:LINE-(281,50),
0:LINE-(289,53),0:LINE-(294,59),0:LINE-(295,63),0:LINE-(294,68),0:LINE-(292,73),
0
420 LINE-(290,77),0:LINE-(283,87),0:LINE-(273,94),0:LINE-(265,96),0:LINE-(261,96
),0:LINE-(250,93),0:LINE-(240,87),0:LINE-(236,82),0:LINE-(236,78),0:LINE-(237,74
),0:LINE-(240,69),0:LINE-(244,62),0:LINE-(253,56),0:LINE-(262,53),0:LINE-(268,52
),0
430 LINE-(276,51),0:LINE-(281,52),0:LINE-(287,56),0:LINE-(290,60),0:LINE-(292,66
),0:LINE-(292,70),0:POINT(254,55):LINE-(259,50),0:LINE-(262,49),0:LINE-(267,47),
0:LINE-(271,46),0:LINE-(275,46),0:LINE-(280,46),0:LINE-(283,47),0:LINE-(288,49),
0
440 LINE-(293,52),0:POINT(253,56):LINE-(243,54),0:LINE-(242,53),0:LINE-(241,52),
0:POINT(257,52):LINE-(251,51),0:LINE-(247,47),0:LINE-(245,45),0:POINT(267,49):LI
NE-(254,44),0:LINE-(252,42),0:LINE-(252,41),0:POINT(274,49):LINE-(264,42),0:LINE
-(262,40),0
450 LINE-(261,37),0:POINT(256,95):LINE-(266,91),0:LINE-(273,85),0:LINE-(276,80),
0:LINE-(277,74),0:LINE-(274,67),0:LINE-(270,65),0:LINE-(267,65),0:LINE-(257,71),
0:LINE-(252,77),0:LINE-(249,82),0:LINE-(247,87),0:LINE-(249,92),0:POINT(256,89)
460 LINE-(265,87),0:LINE-(268,84),0:LINE-(269,79),0:LINE-(267,75),0:LINE-(265,75
),0:LINE-(260,77),0:LINE-(256,81),0:LINE-(253,86),0:LINE-(256,89),0:POINT(369,96
):LINE-(382,92),0:LINE-(403,89),0:LINE-(418,89),0:LINE-(427,90),0:LINE-(439,92),
0
470 LINE-(447,95),0:LINE-(453,99),0:LINE-(457,103),0:LINE-(457,106),0:LINE-(457,
111),0:LINE-(455,115),0:LINE-(447,123),0:LINE-(441,127),0:LINE-(429,132),0:LINE-
(420,134),0:LINE-(412,134),0:LINE-(393,133),0:LINE-(373,131),0:LINE-(360,128),0
480 LINE-(349,124),0:LINE-(344,121),0:LINE-(340,117),0:LINE-(340,115),0:LINE-(34
2,111),0:LINE-(354,101),0:LINE-(369,96),0:LINE-(385,93),0:LINE-(396,92),0:LINE-(
407,91),0:LINE-(416,91),0:LINE-(428,93),0:LINE-(437,95),0:LINE-(442,97),0:LINE-(
448,100),0
```

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490 LINE-(453,104),0:LINE-(457,109),0:LINE-(459,102),0:LINE-(455,97),0:LINE-(449
,91),0:LINE-(443,89),0:LINE-(433,87),0:LINE-(418,86),0:LINE-(401,87),0:LINE-(387
,89),0:LINE-(375,92),0:LINE-(369,94),0:POINT(457,112):LINE-(461,115),0:LINE-(470
,117),0
500 LINE-(472,117),0:POINT(458,106):LINE-(466,110),0:LINE-(474,112),0:LINE-(479,
112),0:POINT(459,102):LINE-(471,103),0:LINE-(479,103),0:LINE-(482,102),0:POINT(4
49,96):LINE-(466,96),0:LINE-(475,95),0:LINE-(478,94),0:POINT(367,129):LINE-(361,
126),0
510 LINE-(358,122),0:LINE-(358,119),0:LINE-(361,112),0:LINE-(371,105),0:LINE-(39
0,100),0:LINE-(403,99),0:LINE-(407,100),0:LINE-(412,104),0:LINE-(412,113),0:LINE
-(407,121),0:LINE-(397,128),0:LINE-(391,130),0:LINE-(385,132),0:LINE-(380,132),0
520 POINT(371,125):LINE-(369,123),0:LINE-(367,118),0:LINE-(368,115),0:LINE-(373,
110),0:LINE-(378,108),0:LINE-(387,106),0:LINE-(394,105),0:LINE-(400,108),0:LINE-
(400,114),0:LINE-(395,120),0:LINE-(388,124),0:LINE-(381,126),0:LINE-(376,126),0
530 LINE-(371,125),0:POINT(378,120):LINE-(376,118),0:LINE-(377,115),0:LINE-(385,
112),0:LINE-(388,112),0:LINE-(389,114),0:LINE-(386,118),0:LINE-(384,120),0:LINE-
(381,121),0:LINE-(378,120),0:POINT(259,82):LINE-(260,81),0:LINE-(262,79),0:LINE-
(263,81),0
540 LINE-(263,83),0:LINE-(259,85),0:LINE-(259,82),0:LINE-(260,80),0:POINT(287,10
3):LINE-(283,105),0:LINE-(277,106),0:LINE-(272,106),0:LINE-(266,105),0:LINE-(260
,107),0:LINE-(259,112),0:LINE-(259,118),0:LINE-(257,120),0:POINT(251,129):LINE-(
258,135),0
550 LINE-(259,140),0:LINE-(256,143),0:LINE-(249,145),0:LINE-(243,144),0:LINE-(23
8,142),0:LINE-(241,136),0:LINE-(242,133),0:LINE-(242,131),0:LINE-(243,130),0:LIN
E-(244,129),0:LINE-(247,128),0:LINE-(251,129),0:POINT(239,142):LINE-(245,138),0
560 LINE-(249,137),0:LINE-(253,137),0:LINE-(258,137),0:POINT(232,161):LINE-(223,
166),0:POINT(231,161):LINE-(218,162),0:LINE-(181,163),0:LINE-(157,160),0:LINE-(1
46,160),0:LINE-(107,149),0:LINE-(97,147),0:LINE-(83,147),0:LINE-(69,148),0:LINE-
(58,148),0
570 LINE-(24,147),0:LINE-(10,150),0:POINT(177,163):LINE-(163,170),0:POINT(142,17
0):LINE-(161,161),0:POINT(219,10):LINE-(214,23),0:LINE-(216,30),0:LINE-(224,38),
0:LINE-(226,39),0:LINE-(229,31),0:LINE-(236,24),0:LINE-(244,18),0:LINE-(252,14),
0
580 LINE-(258,11),0:LINE-(263,10),0:POINT(428,10):LINE-(449,12),0:LINE-(490,17),
0:LINE-(507,25),0:LINE-(514,30),0:LINE-(523,35),0:LINE-(533,38),0:LINE-(540,39),
0:LINE-(549,40),0:LINE-(588,42),0:LINE-(598,42),0:LINE-(630,42),0:POINT(525,110)
590 LINE-(525,97),0:LINE-(520,88),0:LINE-(515,80),0:LINE-(505,70),0:LINE-(497,64
),0:LINE-(511,70),0:LINE-(517,76),0:LINE-(520,79),0:LINE-(513,67),0:LINE-(511,65
),0:LINE-(542,68),0:LINE-(580,68),0:LINE-(630,55),0:POINT(630,75):LINE-(525,110)
,0
600 POINT(503,138):LINE-(506,135),0:LINE-(511,132),0:LINE-(521,129),0:LINE-(528,
128),0:LINE-(541,127),0:LINE-(554,126),0:LINE-(561,126),0:LINE-(565,127),0:LINE-
(568,129),0:LINE-(568,131),0:LINE-(566,133),0:LINE-(558,138),0:LINE-(549,144),0
610 LINE-(536,154),0:LINE-(527,162),0:POINT(512,152):LINE-(519,148),0:LINE-(526,
141),0:LINE-(524,140),0:LINE-(521,140),0:POINT(507,145):LINE-(520,140),0:LINE-(5
33,134),0:LINE-(544,133),0:LINE-(546,136),0:POINT(583,170):LINE-(580,145),0
620 LINE-(589,123),0:LINE-(599,110),0:LINE-(606,103),0:LINE-(615,94),0:LINE-(622
,89),0:LINE-(630,85),0:POINT(478,170):LINE-(474,163),0:LINE-(474,157),0:LINE-(47
5,152),0:LINE-(481,138),0:LINE-(488,127),0:LINE-(493,116),0:LINE-(492,137),0
630 LINE-(496,152),0:LINE-(505,159),0:LINE-(521,170),0:POINT(214,151):LINE-(203,
145),0:LINE-(194,139),0:LINE-(185,130),0:LINE-(178,120),0:LINE-(177,112),0:LINE-
(182,106),0:LINE-(190,98),0:LINE-(191,97),0:POINT(293,51):LINE-(295,59),0:POINT(
546,10)
640 LINE-(577,21),0:LINE-(601,23),0:LINE-(630,22),0:POINT(379,21):LINE-(348,18),
0:LINE-(341,20),0:LINE-(326,29),0:LINE-(317,37),0:LINE-(315,43),0:LINE-(306,37),
0:LINE-(300,31),0:POINT(284,24):LINE-(279,29),0:LINE-(274,37),0:LINE-(274,41),0
650 LINE-(269,36),0:LINE-(267,28),0:POINT(254,31):LINE-(239,34),0:POINT(449,45):
LINE-(455,52),0:LINE-(455,58),0:LINE-(450,63),0:LINE-(442,66),0:LINE-(435,67),0:
POINT(406,64):LINE-(400,67),0:LINE-(391,73),0:LINE-(383,81),0:LINE-(378,88),0
660 LINE-(376,93),0:POINT(382,132):LINE-(390,137),0:LINE-(391,140),0:LINE-(389,1
43),0:LINE-(379,148),0:LINE-(362,154),0:LINE-(331,159),0:LINE-(289,161),0:LINE-(
261,163),0:POINT(224,165):LINE-(232,165),0:LINE-(240,169),0:LINE-(241,170),0:POI
NT(505,141)
670 LINE-(514,137),0:LINE-(521,134),0:LINE-(526,132),0:LINE-(533,131),0:LINE-(54
5,131),0:LINE-(553,130),0:LINE-(561,126),0:POINT(212,76):LINE-(212,70),0:LINE-(2
16,64),0:LINE-(222,60),0:POINT(236,83):LINE-(232,82),0:POINT(237,85):LINE-(233,8
5),0
680 POINT(240,87):LINE-(236,88),0:POINT(420,134):LINE-(422,137),0:POINT(415,134)
:LINE-(417,137),0:PAINT(264,63),TILE$(21),0:PAINT(444,113),TILE$(21),0:PAINT(384
,115),TILE$(21),0:PAINT(262,82),TILE$(21),0:PAINT(262,72),TILE$(18),0
```

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690 PAINT(410,112),TILE$(18),0:POINT(233,150):LINE-(240,152),0:POINT(259,112):LI
NE-(273,115),0:LINE-(275,118),0:LINE-(273,121),0:LINE-(263,122),0:LINE-(259,120)
,0:PAINT(253,140),TILE$(19),0:PAINT(249,131),TILE$(1),0:PAINT(189,169),TILE$(2),
0
700 PAINT(99,169),TILE$(2),0:PAINT(279,169),TILE$(16),0:PAINT(429,149),TILE$(16)
,0:PAINT(429,79),TILE$(16),0:PAINT(459,60),TILE$(16),0:PAINT(429,89),TILE$(15),0
:PAINT(279,48),TILE$(15),0:PAINT(333,21),TILE$(16),0:LINE-(333,21),0
710 PAINT(311,38),TILE$(16),0:PAINT(271,30),TILE$(16),0:PAINT(273,34),TILE$(16),
0:PAINT(251,30),TILE$(16),0:PAINT(284,28),TILE$(2),0:PAINT(262,118),TILE$(16),0:
PAINT(216,68),TILE$(16),0:PAINT(546,138),TILE$(16),0:PAINT(516,146),TILE$(16),0
720 PAINT(516,133),TILE$(2),0:PAINT(216,60),TILE$(2),0:PAINT(336,60),TILE$(2),0:
PAINT(186,100),TILE$(3),0:PAINT(186,30),TILE$(3),0:PAINT(247,25),TILE$(3),0:PAIN
T(296,25),TILE$(3),0:PAINT(416,25),TILE$(3),0:PAINT(596,20),TILE$(3),0
730 PAINT(476,140),TILE$(3),0:PAINT(624,140),0,0:PAINT(504,168),0,0:PAINT(564,78
),0,0:PAINT(564,38),0,0:PAINT(234,18),0,0:PAINT(182,118),0,0:PAINT(392,118),0,0:
PAINT(266,78),0,0
740 PAINT(446,98),0,0:PAINT(291,58),0,0:PAINT(270,50),0,0:PAINT(150,50),0,0
750 POINT(283,87):LINE-(273,94),7:POINT(240,87):LINE-(236,82),7:LINE-(236,78),7:
LINE-(237,74),7:LINE-(240,69),7:LINE-(244,62),7:LINE-(253,56),7:LINE-(262,53),7:
LINE-(268,52),7
760 POINT(453,99):LINE-(457,103),7:LINE-(457,106),7:LINE-(457,111),7:LINE-(455,1
15),7:LINE-(447,123),7:LINE-(441,127),7:LINE-(429,132),7:POINT(360,128)
770 LINE-(349,124),7:LINE-(344,121),7:LINE-(340,117),7:LINE-(340,115),7:LINE-(34
2,111),7:LINE-(354,101),7:LINE-(369,96),7
780 POINT(449,45):LINE-(455,52),7:LINE-(455,58),7:LINE-(450,63),7:LINE-(442,66),
7:LINE-(435,67),7:POINT(406,64):LINE-(400,67),7:LINE-(391,73),7:LINE-(383,81),7:
LINE-(378,88),7
790 LINE-(376,93),7:POINT(382,132):LINE-(390,137),7:LINE-(391,140),7:LINE-(389,1
43),7:LINE-(379,148),7:LINE-(362,154),7:LINE-(331,159),7:LINE-(289,161),7:LINE-(
261,163),7:POINT(224,165):LINE-(232,165),7:LINE-(240,169),7:LINE-(241,170),7:POI
NT(505,141)
800 LINE-(514,137),7:LINE-(521,134),7:LINE-(526,132),7:LINE-(533,131),7:LINE-(54
5,131),7:LINE-(553,130),7:LINE-(561,126),7:POINT(212,76):LINE-(212,70),7:LINE-(2
16,64),7:LINE-(222,60),7:'POINT(236,83):LINE-(232,82),7:POINT(237,85):LINE-(233,
85),7
810 POINT(379,21):LINE-(348,18),7:LINE-(341,20),7:LINE-(326,29),7:LINE-(317,37),
7:LINE-(315,43),7:LINE-(306,37),7:LINE-(300,31),7:POINT(284,24):LINE-(279,29),7:
LINE-(274,37),7:LINE-(274,41),7
820 LINE-(269,36),7:LINE-(267,28),7:POINT(254,31):LINE-(239,34),7:POINT(449,45):
LINE-(455,52),7:LINE-(455,58),7:LINE-(450,63),7:LINE-(442,66),7:LINE-(435,67),7:
POINT(406,64):LINE-(400,67),7:LINE-(391,73),7:LINE-(383,81),7:LINE-(378,88),7
830 LINE-(376,93),7:POINT(382,132):LINE-(390,137),7:LINE-(391,140),7:LINE-(389,1
43),7:LINE-(379,148),7:LINE-(362,154),7:LINE-(331,159),7:LINE-(289,161),7:LINE-(
261,163),7:POINT(224,165):LINE-(232,165),7:LINE-(240,169),7:LINE-(241,170),7
840 POINT(259,112):LINE-(273,115),7:LINE-(275,118),7:LINE-(273,121),7:LINE-(263,
122),7:LINE-(259,120),7:END
850 ' ++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
860 '
870 '      Popcom ノ ミナサン !!!  ハジメマシテ !!  ボクハ 「ワタナベ カンタ」 ト モウシマス 。
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900 '
910 '     ニ ツクッタ モノデス。Graphic tool ガ アマリ ヨクナカッタノデ、PROGRAM ハ トテモ
920 '
930 '     ヒドイモノデスガ コレカラマイツキ Computer Graphic ヲトウコウスルツモリナノデ ドウゾ
940 '
950 '     ヨロシク !!!                           1984年 4月 24日 (Wed)  ワタナベ カンタ
960 '
970 '                                             Popcomノ スタッフ サマ ヘ ··········
980 '
990 ' ++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
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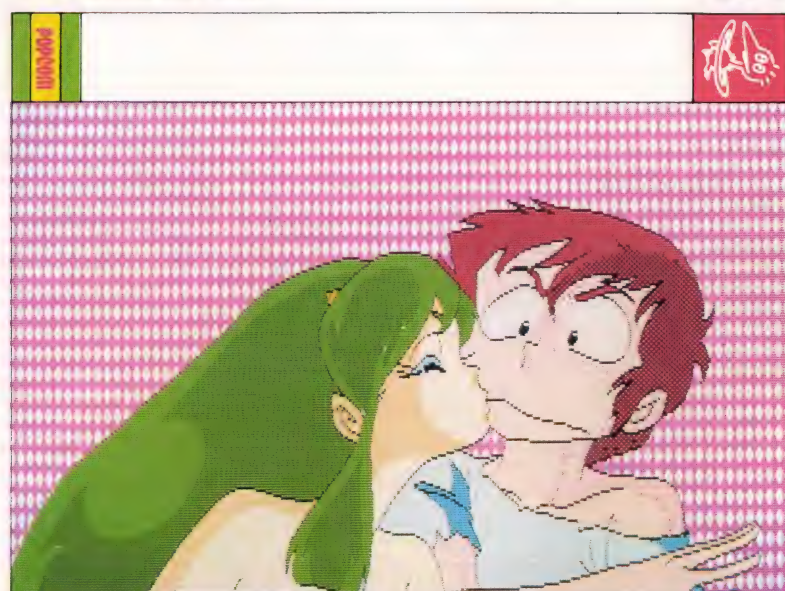
別冊 POPCOM プログラムマガジン

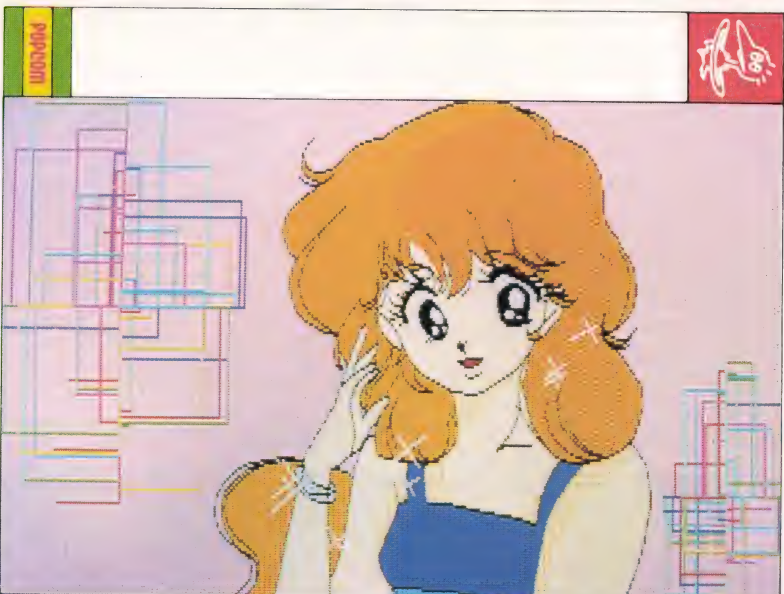
CGカセットレーベル

弁　天（うる星やつら）　文岡　朗

ウインクラム（うる星やつら）　長山　裕

ラムとあたる（うる星やつら）　長山　裕

ラム（うる星やつら）　大野純司

ロづけ（うる星やつら）　木戸正泰

テ　ン（うる星やつら）　小河俊之

MIKI（ブリザードプリンセス）　小河俊之

みゆき　村井忠雄

ガンバレガンモ（Gu―Guガンモ）　渥美政彦

PROGRAM
TAPE COUNTER
A
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うる星やつら おユキ

PC—8801/mkII
文岡　朗

おユキの背景が赤と青で交互に変化!!

おユキの背景が赤と青で交互に変化します。赤のときは、冬の暖房のきいた部屋の感じが出るし、青にすると、いかにも雪の寒さが感じられます。

プログラム的には、PC—8801はPAINT命令で境界色が1色しか指定できないため、プリンターに打ち出すことに重点をおいて、プリンターでは境にみだれがないように作ってあります。これは、領域色の中に境界色を格子状に入れることによって解決しました。しかし、これによって、むやみにペイント色を変更できません（領域色も2色混合まで）。

また、この作品はモニターの違いにより色がおかしいときのために、ペイント・データを4種類作ってあります。もし色合いがおかしいときは、420行の「*TILE 4」を「*TILE 1」または「*TILE 3」に変えてください。なお、「*TILE 1」と「*TILE 4」のときは、カラープリンターでコピーすると色と色との境界線がなくなり、キレイにコピーできます。

他の工夫点としては、背景の雪を乱数で入力しているところでしょう。

絵に関しての編集部の意見としては、メインのおユキを中間色でまとめているのに対して、背景に濃い原色を使っているのは、前後のメリハリが出てよいのですが、おユキのインパクトが弱くなってしまったのが残念です。おユキのほうも、もう少し、濃い色と中間色を併用すると、メリハリが出て、中間色もキレイに見えたでしょう。しかし、全体的にはプログラム的にも絵的にも洗練されています。ですが、細かいところをいってしまうと、DATAがとても見づらい。何行にも続けてしまわないで、1行ずつキレイにまとめてみるのがいいでしょう。

作者のプロフィール

マイコン歴4年…といっても最初の1年はゲーム専門（もちろん遊ぶ方）。その後FORTRANやPASCALをかじり、現在は主にマシン語でユーティリティー・プログラムを作ってます。BASICではできないことをやってのけるマシン語のすばらしさを再認識している今日このごろ。と19才の文岡さん。

▲中間色の多用により、おユキらしさが出ています。しかし、もう少し構図に工夫を加えると、もっとよい作品になったと思います。

もっとよい作品を作れるようガンバってください。

うる星やつら　おユキ　プログラムリスト

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10 '◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆
20 '
30 '    [[[    OYUKI    ]]]
40 '
50 '              P-1984/03,23
60 '      ▲   by A.Fumioka
70 '
80 '◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆
90 WINDOW(0,0)-(639,199):VIEW(0,0)-(639,199)
100 CONSOLE ,,0,1:WIDTH 80,20:SCREEN 0:FOR I=0 TO 7:COLOR=(I,I):NEXT I:COLOR 7,2
:CLS 3:DIM TILE$(19)
110 RESTORE *MLINE:C=7:GOSUB *DLINE
120 RESTORE *SLINE:C=7:GOSUB *DLINE
130 RESTORE *ELINE:C=7:GOSUB *DLINE
140 RESTORE *SSLINE:C=7:GOSUB *DLINE
150 GOSUB *MTILE
160 D=7:RESTORE *APAINT:GOSUB *TPAINT
170 RESTORE *SLINE:C=2:GOSUB *DLINE
180 D=7:RESTORE *BPAINT:GOSUB *TPAINT
190 RESTORE *MLINE:C=0:GOSUB *DLINE
200 RESTORE *WLINE:C=7:GOSUB *DLINE
210 RESTORE *BLINE:C=0:GOSUB *DLINE
220 RESTORE *GLINE:C=4:GOSUB *DLINE
230 PAINT(0,0),1,0
240 RESTORE *SNOW:GOSUB *RCIRCLE
250 RESTORE *CLINE:C=0:GOSUB *DLINE
260 D=0:RESTORE *CPAINT:GOSUB *TPAINT
270 FRG=0
280 IF FRG=0 THEN COLOR=(1,1):FRG=1 ELSE COLOR=(1,2):FRG=0
290 FOR I=0 TO 3000:NEXT I:GOTO 280
300 END
310 *DLINE
320 READ X,Y:IF X=-1 AND Y=-1 THEN RETURN
330 IF X=0 AND Y=0 THEN READ X,Y:POINT(X,Y):GOTO *DLINE
340 LINE-(X,Y),C:GOTO *DLINE
350 *RCIRCLE
360 READ X,Y:IF X=-1 AND Y=-1 THEN RETURN ELSE IF X=999 AND Y=999 THEN 390
370 R=INT(RND*7)+3:CIRCLE (X,Y),R,5:PAINT(X,Y),5,5:PAINT(X,Y),TILE$(11),1:CIRCLE
(X-1,Y-1),R/2,5:PAINT(X-1,Y-1),5,5:PAINT(X-1,Y-1),7,1
380 GOTO *RCIRCLE
390 READ X,Y:R=INT(RND*7)+3:CIRCLE(X,Y),R,5:PAINT(X,Y),5,5:PAINT(X,Y),TILE$(9),1
:CIRCLE(X-1,Y-1),R/2,5:PAINT(X-1,Y-1),5,5:PAINT(X-1,Y-1),7,0
400 GOTO *RCIRCLE
410 *MTILE
420 BAN=0:RESTORE *TILE4: '▲ ｲﾛ ｶﾞ ｵｶｼｲﾄｷﾊ 「*TILE4」 ｦ 「*TILE3」 ﾏﾀﾊ 「*TILE2」 ﾏﾀﾊ
 「*TILE1」 ﾆ ｶｴﾙｺﾄ !! ( ｺｲ [ *TILE1 ] ･････ [ *TILE4 ] ｳｽｲ )
430 READ TILE$:IF TILE$="0" THEN 460
440 TILE$(BAN)="":FOR I=1 TO LEN(TILE$) STEP 2:TILE$(BAN)=TILE$(BAN)+CHR$(VAL("&
h"+MID$(TILE$,I,2))):NEXT I
450 BAN=BAN+1:GOTO 430
460 PAINT(575,117),TILE$(6),7
470 RETURN
480 *TPAINT
490 READ X,Y:IF X=-1 AND Y=-1 THEN RETURN ELSE IF X=0 AND Y=0 THEN READ BAN:GOTO
 *TPAINT
500 IF BAN>=20 THEN PAINT(X,Y),BAN-20,D ELSE PAINT(X,Y),TILE$(BAN),D
510 GOTO *TPAINT
1000 *MLINE
1010 DATA 0,0,219,80,235,87,0,0,219,81,235,87,243,92,248,97,250,100,250,104,253,
110,257,115,266,121,273,125,285,128,297,132,303,134,320,133,340,130,363,125,383,
120,0,0,246,95,232,93,215,92,197,86
1020 DATA 181,79,172,72,166,64,165,59,170,49,178,40,187,33,215,23,244,16,278,10,
307,7,335,6,365,7,393,12,408,15,419,19,425,23,429,26,0,0,394,12,416,12,430,14,44
9,19,462,28,472,40,479,54,482,66,480,78,475,86
1030 DATA 467,95,454,105,440,113,433,115,426,116,0,0,206,39,192,46,186,53,182,59
,185,64,189,70,198,76,209,79,219,81,240,82,267,83,0,0,258,31,248,33,239,38,231,4
4,228,51,228,56,231,62,237,70,242,74
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1040 DATA 254,79,267,83,278,85,288,87,316,81,334,76,346,72,358,66,370,60,381,54,
0,0,305,24,297,27,284,33,273,42,268,46,264,55,263,59,265,63,268,70,275,77,279,81
,287,87,298,79,301,73,307,65,315,56
1050 DATA 320,50,330,43,340,38,352,33,363,29,0,0,319,80,342,79,360,77,373,74,385
,69,395,65,407,59,410,57,0,0,395,65,393,71,391,77,391,82,393,86,396,90,400,92,40
6,94,414,95,425,94,429,91,436,90,440,91,441,96
1060 DATA 440,101,436,106,428,110,425,111,0,0,420,94,424,98,426,103,427,108,425,
111,426,116,424,123,420,130,416,138,411,144,407,147,398,149,389,151,382,150,377,
146,371,142,364,139,352,135,364,131
1070 DATA 371,127,383,120,388,115,394,107,397,101,398,95,398,91,0,0,352,135,366,
137,372,139,381,143,392,146,404,147,407,147,0,0,427,57,425,61,424,65,427,71,432,
75,439,76,447,76,449,75,0,0,455,43,457,47,457,51
1080 DATA 457,55,456,59,454,62,0,0,444,27,442,32,438,37,434,41,0,0,229,93,232,96
,232,101,232,112,233,117,235,124,240,131,247,137,254,143,260,146,271,143,286,141
,296,140,304,138,311,134,308,139,302,142
1090 DATA 295,146,286,150,273,148,260,146,0,0,383,10,420,4,447,18,494,6,530,13,4
96,21,451,20,0,0,453,22,491,30,514,26,540,22,510,18,0,0,507,27,527,34,504,34,487
,35,471,29,458,25,0,0,391,9,424,10
1100 DATA 419,4,0,0,495,6,488,11,513,14,501,20,0,0,495,21,481,16,449,19,0,0,504,
19,527,24,0,0,512,26,484,24,491,30,0,0,478,27,484,34,0,0,439,14,448,12,462,14,0,
0,501,34,513,43,524,53,531,63,537,74
1110 DATA 543,84,546,97,547,109,548,118,547,127,542,135,535,146,527,154,524,157,
0,0,519,97,517,106,513,113,509,119,501,128,493,136,486,141,0,0,449,123,461,116,4
70,109,481,100,487,93,494,82,497,75
1120 DATA 498,67,0,0,507,56,512,63,515,67,516,72,517,76,0,0,318,133,323,139,323,
147,322,155,318,161,313,166,0,0,414,140,417,147,423,153,426,154,0,0,242,133,231,
140,221,144,195,151,168,158,143,167
1130 DATA 114,179,104,185,94,191,82,200,0,0,240,162,228,168,212,174,189,181,170,
188,153,195,144,201,0,0,218,201,226,196,231,192,240,187,259,179,0,0,238,200,241,
195,247,188,253,183,259,179,269,173
1140 DATA 278,167,295,158,307,152,311,151,316,152,321,156,0,0,319,159,314,155,30
9,155,300,160,294,167,290,175,287,180,289,188,292,194,296,201,0,0,290,201,285,19
4,282,189,280,184,282,175,287,165,298,157
1150 DATA 0,0,316,163,292,170,0,0,303,167,298,172,297,180,299,187,303,196,307,20
1,0,0,335,200,345,193,358,184,364,180,375,173,392,163,409,157,418,155,426,154,43
0,154,438,154,449,156,0,0,368,201,378,193
1160 DATA 390,183,399,175,406,170,424,162,438,158,449,156,465,152,478,151,489,15
1,505,154,524,157,540,160,550,162,553,169,557,176,560,181,564,185,569,189,575,19
3,583,197,588,201,0,0,564,195,548,192,531,188
1170 DATA 511,187,0,0,473,193,466,198,459,202,0,0,333,85,341,83,361,82,379,84,38
5,88,383,91,0,0,385,88,380,86,371,85,361,84,349,84,342,85,336,86,333,85,340,85,3
39,84,348,84,348,83,366,83,363,84,375,84
1180 DATA 374,85,380,85,0,0,378,84,376,82,362,80,353,80,341,81,331,83,0,0,341,85
,341,88,342,90,345,92,350,94,356,93,360,91,364,89,366,87,367,85,0,0,358,94,343,9
4,0,0,348,85,347,87,347,88,348,89,350,90
1190 DATA 353,89,355,88,355,86,355,84,0,0,284,94,282,92,277,90,269,88,258,87,246
,86,248,89,251,91,0,0,247,88,265,88,0,0,258,88,279,91,0,0,272,89,265,89,253,87,2
47,87,0,0,244,84,251,84,260,85,268,86,274,88
1200 DATA 278,90,0,0,260,88,261,91,263,93,265,95,269,97,277,98,280,96,280,91,0,0
,267,89,268,93,270,94,273,95,274,94,276,92,275,91,0,0,264,97,276,98,281,98,0,0,2
89,102,287,104,284,104,284,107,288,109
1210 DATA 288,111,0,0,292,119,300,118,306,119,309,121,312,123,301,123,297,121,29
3,119,-1,-1
1220 *SLINE
1230 DATA 0,0,231,94,238,97,243,101,245,104,247,108,250,113,255,120,260,124,268,
130,275,136,284,140,0,0,238,90,229,89,215,85,206,81,200,78,0,0,257,30,251,30,243
,31,234,34,229,36,222,42,218,48,216,54
1240 DATA 218,61,225,67,234,74,246,79,257,82,0,0,278,84,272,81,264,77,257,73,252
,67,249,60,250,53,256,44,267,36,282,28,297,24,301,23,305,23,0,0,288,85,287,76,28
7,63,290,57,295,48,303,40,316,34,332,29
1250 DATA 346,26,362,23,368,23,361,20,355,20,347,20,353,18,364,17,386,18,403,20,
414,22,426,25,0,0,429,27,422,27,414,26,398,25,390,24,380,25,371,26,363,28,0,0,29
3,84,301,81,309,77,319,70,332,61,344,53
1260 DATA 355,47,371,41,387,36,382,41,379,45,379,48,381,53,0,0,333,77,336,77,348
,74,362,70,376,64,386,58,402,47,405,44,404,40,400,37,396,36,412,35,428,32,437,29
,444,26,446,23,446,19,436,18,425,17
1270 DATA 416,17,0,0,424,21,429,21,433,20,441,20,0,0,445,26,447,29,448,37,447,43
,442,50,437,55,436,48,433,42,433,41,0,0,428,57,431,58,433,61,434,64,437,67,442,6
8,448,67,453,65,454,63,0,0,455,42,457,40
```

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1280 DATA 460,42,462,44,464,49,465,57,465,63,463,68,457,73,450,75,0,0,410,56,412
,55,415,54,418,54,419,56,417,59,412,62,408,68,405,74,406,80,409,86,414,89,421,90
,429,90,0,0,410,96,411,101,410,109,405,117
1290 DATA 400,125,394,131,383,139,379,141,0,0,417,144,424,139,432,133,440,128,44
8,123,0,0,498,66,496,61,493,56,485,50,496,54,501,54,502,52,500,48,495,43,490,38,
487,36,0,0,506,56,507,63,506,76,505,81
1300 DATA 503,84,512,80,517,77,0,0,518,97,513,99,499,108,488,116,474,128,468,134
,466,136,465,140,463,144,462,145,471,145,479,144,485,141,0,0,537,92,539,100,538,
117,536,126,532,133,523,139,507,144,519,136
1310 DATA 525,129,532,115,536,94,0,0,256,20,273,16,290,13,313,12,331,11,318,15,3
07,19,276,20,247,24,255,20,0,0,249,140,246,145,239,150,226,157,212,162,184,171,1
57,182,142,191,132,202,0,0,191,200,197,197
1320 DATA 210,189,224,182,240,175,260,167,273,161,284,155,290,149,0,0,264,148,26
0,151,254,156,240,161,0,0,445,158,455,158,468,160,483,164,499,169,511,175,522,18
2,527,185,532,187,0,0,564,195,571,196,577,197
1330 DATA 583,198,0,0,521,189,531,192,539,197,545,200,0,0,510,187,499,186,488,18
7,481,189,473,192,0,0,475,200,481,195,493,188
1340 *KLINE
1350 DATA 0,0,238,88,247,89,0,0,281,91,293,92,306,91,324,92,335,94,340,96,348,98
,355,102
1360 DATA 358,105,360,109,360,113,358,115,352,122,344,127,339,129,0,0,324,142,33
0,144,337,144,346,143,353,142,357,143,363,146,371,150,374,152,372,155,367,161,36
6,169,366,174,367,177,0,0,310,166,307,170
1370 DATA 305,176,305,180,306,189,310,196,312,200,0,0,290,102,292,104,294,105,30
1,107,302,109,298,111,288,112,-1,-1
1380 *ELINE
1390 DATA 0,0,251,92,258,95,263,97,0,0,282,98,285,97,285,94,0,0,335,87,336,89,33
5,91,336,93,338,94,342,94,0,0,359,94,373,93,383,92,-1,-1
1400 *SSLINE
1410 DATA 0,0,512,41,518,41,528,43,558,35,594,41,576,46,607,51,574,55,600,64,570
,64,576,67,585,76,592,85,598,92,603,107,605,123,607,138,606,150,601,161,594,172,
581,183,602,188,605,195,609,200,-1,-1
1420 *BLINE
1430 DATA 0,0,249,90,247,91,243,92,237,91,0,0,251,92,248,94,244,94,0,0,385,88,38
8,89,391,89,397,87,0,0,384,90,388,91,392,91,398,90,0,0,424,99,427,97,433,95,0,0,
428,97,432,99,432,101,426,104,0,0,304,126,310,126,-1,-1
1440 *GLINE
1450 DATA 0,0,376,83,373,83,372,82,366,82,365,81,348,81,0,0,351,82,339,82,339,83
,334,83,335,84,332,84,0,0,272,88,270,88,269,87,264,87,263,86,252,86,0,0,255,85,2
45,85,-1,-1
1460 *WLINE
1470 DATA 0,0,203,28,225,34,0,0,195,31,214,35,0,0,189,33,202,36,0,0,184,36,193,3
8,0,0,173,47,184,49,0,0,170,51,178,52,0,0,168,55,173,56,0,0,166,60,180,62,0,0,16
8,65,176,66,0,0,172,71,189,75,0,0,178,76,187,78
1480 DATA 0,0,262,14,271,16,0,0,253,15,263,18,0,0,242,17,261,22,0,0,204,41,215,4
4,0,0,198,44,216,49,0,0,185,56,214,62,0,0,184,60,209,65,0,0,187,65,202,68,0,0,19
2,71,214,75,0,0,240,38,250,39,0,0,236,41,247,43
1490 DATA 0,0,232,44,251,47,0,0,229,54,247,58,0,0,231,59,245,61,0,0,232,62,247,6
5,0,0,236,67,253,70,0,0,294,29,302,31,0,0,288,32,301,35,0,0,283,35,297,39,0,0,27
9,38,299,43,0,0,274,42,295,46,0,0,264,57,287,61
1500 DATA 0,0,266,62,283,65,0,0,269,69,285,72,0,0,273,74,283,76,0,0,375,14,385,1
7,0,0,362,12,374,17,0,0,344,12,361,16,0,0,328,12,350,17,0,0,312,12,344,20,0,0,34
4,37,353,39,0,0,338,40,348,42,0,0,334,42,348,45
1510 DATA 0,0,328,45,358,52,0,0,317,55,344,60,0,0,313,59,335,63,0,0,310,63,324,6
5,0,0,307,66,317,68,0,0,305,69,314,71,0,0,411,26,421,29,0,0,402,26,412,29,0,0,39
3,25,406,30,0,0,382,26,401,32,0,0,421,17,433,21
1520 DATA 0,0,433,18,439,20,0,0,443,31,450,34,0,0,441,34,452,39,0,0,439,37,451,4
4,0,0,458,52,467,57,0,0,457,57,467,61,0,0,456,61,468,67,0,0,381,55,391,58,0,0,37
5,58,389,62,0,0,364,64,376,68,0,0,358,67,368,70
1530 DATA 0,0,352,70,361,72,0,0,403,62,420,68,0,0,399,64,412,69,0,0,395,69,407,7
2,0,0,392,78,404,82,0,0,393,83,404,87,0,0,396,104,407,109,0,0,393,109,404,114,0,
0,391,112,396,115,0,0,379,123,393,128,0,0,374,126
1540 DATA 383,130,0,0,233,105,245,109,0,0,233,109,245,113,0,0,234,116,253,120,0,
0,235,120,243,122,0,0,241,131,261,135,0,0,247,136,259,138,0,0,192,153,210,160,0,
0,179,156,200,163,0,0,168,159,184,164,0,0,159,162,170,165
1550 DATA 0,0,115,180,123,182,0,0,109,183,124,186,0,0,104,186,124,191,0,0,208,17
6,217,178,0,0,201,178,211,181,0,0,193,181,208,185,0,0,182,185,203,190,0,0,259,15
3,268,155,0,0,256,155,266,158,0,0,248,159,265,163
```

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1560 DATA 0,0,242,161,267,169,0,0,514,64,523,67,0,0,517,70,529,74,0,0,518,74,534
,80,0,0,490,90,500,94,0,0,486,95,498,100,0,0,483,99,496,105,0,0,478,103,493,110,
0,0,469,111,475,113,0,0,463,115,473,120,0,0,457,119
1570 DATA 473,127,0,0,452,122,476,135,0,0,515,111,521,113,0,0,513,114,521,117,0,
0,510,119,521,124,0,0,505,125,520,133,-1,-1
1580 *SNOW
1590 DATA 179,113,139,107,108,131,43,65,114,72,10,114,47,120,40,165,90,160,89,34
,112,27,136,48,42,8,166,2,212,5,459,5,571,15,623,5,629,33,612,79,634,69,622,111,
632,137,624,184,999,999,582,103,999,999,565,76,999,999,568,45,999,999,572,120
1600 DATA 999,999,562,143,999,999,579,155,-1,-1
1610 *TILE1
1620 DATA FFAAFFFF55FF,FFFFAAFFFF55,BB00BBEE00EE770077DD00DD,FFDDAAFFEE55FF77AAF
FBB55,AAFFAA55FF55,55FFAAAAFF55,AA0000550000,AAAAFF5555FF,AAFFFF55FFFF,AAAAAA555
555,FF8888FF1111FF2222FF4444,FFAAAAFF5555,0
1630 *TILE2
1640 DATA FFAAFFFF55FF,FFFFAAFFFF55,BB00BBEE00EE770077DD00DD,FFDDAAFFEE55FF77AAF
FBB55,CCFFCC33FF33,AAFFAA55FF55,AA0000550000,AAAAFF5555FF,AAFFFF55FFFF,AAAAAA555
555,FF8888FF1111FF2222FF4444,FFAAAAFF5555,0
1650 *TILE3
1660 DATA FFAAFFFF55FF,FFFFAAFFFF55,BB00BBEE00EE770077DD00DD,FFDDAAFFEE55FF77AAF
FBB55,77FF77DDFFDD,CCFFCC33FF33,AA0000550000,AAAAFF5555FF,AAFFFF55FFFF,AAAAAA555
555,FF8888FF1111FF2222FF4444,FFAAAAFF5555,0
1670 *TILE4
1680 DATA FFAAFFFF55FF,FFFFAAFFFF55,BB00BBEE00EE770077DD00DD,FFDDAAFFEE55FF77AAF
FBB55,AAFFBB55FF77AAFFEE55FFDD,AAFFAA55FF55,AA0000550000,AAAAFF5555FF,AAFFFF55FF
FF,AAAAAA555555,FF8888FF1111FF2222FF4444,FFAAAAFF5555,0
1690 *APAINT
1700 DATA 0,0,27,272,92,339,91,351,87,372,89,428,11,488,14,505,23,501,32,262,194
,452,177,510,195,256,91,282,96,0,0,4,327,107,341,168,0,0,22,302,121,0,0,10,415,8
,506,11,480,19,526,22,496,27,476,29,0,0,25,276,96,360,87
1710 DATA 0,0,9,308,161,0,0,1,456,84,228,42,266,42,294,16,316,42,361,54,427,19,4
12,125,288,135,223,85,448,14,511,90,0,0,7,293,182,384,177,0,0,2,286,145,388,148,
0,0,5,432,97,0,0,0,236,194,180,164,249,166
1720 DATA -1,-1
1730 *BPAINT
1740 DATA 0,0,5,238,85,293,108,301,180,377,107,389,157,0,0,0,328,20,391,44,417,1
5,441,42,442,72,399,82,386,125,246,123,0,0,3,511,73,494,122,531,125,484,43,0,0,8
,532,174,477,195,288,171,0,0,1,313,144,217,166,-1,-1
1750 *CLINE
1760 DATA 0,0,68,13,72,16,73,18,73,27,64,28,54,27,58,31,61,33,67,34,74,33,74,42,
69,44,60,46,53,45,49,48,50,51,54,53,62,52,68,53,72,57,74,58,78,59,81,57,81,46,92
,43,101,42,114,43,116,46,113,51,107,53
1770 DATA 102,53,97,51,95,47,96,45,90,50,90,53,93,56,99,58,110,58,118,55,124,51,
126,47,126,44,122,41,118,39,112,37,106,36,92,38,82,40,82,31,89,29,92,27,91,25,83
,26,83,23,84,22,87,19,86,16,81,13,75,12,68,13
1780 DATA 0,0,73,48,67,50,74,52,73,48,0,0,108,28,116,27,124,28,130,31,134,36,132
,38,128,37,123,37,119,38,124,35,126,35,124,33,120,31,116,30,108,28,0,0,46,75,47,
77,51,79,53,82,54,85,51,93,52,97,60,101,66,99
1790 DATA 66,93,68,91,71,87,78,83,78,88,82,94,88,98,92,100,88,104,84,107,73,109,
89,107,94,104,98,101,107,101,118,100,125,97,131,94,133,91,133,87,131,82,122,76,1
15,74,105,74,103,70,100,67,96,66,92,65,87,67
1800 DATA 82,72,82,76,80,78,74,81,68,86,62,94,59,91,60,88,61,84,61,82,59,79,56,7
7,51,75,46,75,0,0,82,76,87,72,90,71,93,72,94,75,87,76,82,77,0,0,80,83,81,87,83,8
9,88,94,92,96,94,96,96,93,97,86,96,79,90,80,82,82,80,83
1810 DATA 0,0,105,78,106,84,107,88,103,96,110,96,115,94,119,92,120,89,120,86,118
,83,114,80,110,79,105,78,0,0,64,122,68,121,70,121,75,125,69,126,60,126,64,129,69
,130,80,130,87,134,81,135,73,135,66,134,63,135,67,138
1820 DATA 76,139,84,140,92,139,98,144,100,146,86,144,74,145,66,148,63,152,64,156
,71,160,79,162,98,161,99,159,96,157,88,158,81,158,75,156,72,153,73,149,80,145,89
,145,96,146,103,149,106,151,111,152,115,151,111,146
1830 DATA 102,138,111,136,115,134,115,132,111,130,96,129,104,130,103,131,96,133,
88,128,96,127,100,125,100,122,97,121,93,121,84,124,78,119,73,117,68,118,64,122,-
1,-1
1840 *CPAINT
1850 DATA 0,0,20,77,44,126,32,56,82,101,88,93,136,68,153,-1,-1
FILE NAME : LUMB1/30
```

うる星やつら
弁天

PC—8801/mkII

文岡　朗

映画フィルムのような画面!!

「おユキ」の絵を作った文岡君の作品です。この「弁天」は、映画のフィルムのように画面を仕上げているのが、とてもおもしろいですね。また、このフィルムは上に少しずつ、スクロールして行き、下から左右反転した絵が出てくるようになっています。この絵の移動部分にはマシン語プログラムが使われています。

ペイントは、中間色カラーナンバー方式をとっています。〔下図参照〕

カラーナンバー	色	タイルデータ	ペイント場所
0〜7	原色	なし	
8	黒+青	550000AA0000	目・バック
9	緑+白	5555FFAAAAFF	バック
10	赤+黒	00AA00005500	髪(淡)・ひじ
11	赤+黒	001100004400	髪(濃)
12	赤+白	55FF55AAFFAA	はだ(淡)
13	紫+黄	AAFF5555FFAA	はだ(濃)
14	赤+黒	00EE00007700	口
15	黄+黒	00EEEE00BBBB	イチョウ
16	黒+白	AAAAAA555555	金属部分
17	水+白	FFAAFFFF55FF	ガラス
18	黄+白	AAFFFF55FFFF	うでわ
19	紫+黒	AAAA00555500	バイク

「おユキ」と同様に「弁天」も、色と色との境界線を出さないようにしているので、描き上げるまでに多少時間がかかります。

NAME.D について…これは、相対的に線を描くサブルーチンで、Last referenced Pointから x 軸、y 軸方向へ、それぞれいくらの距離だけ動いたかが、DATAとなっています。なお左右対称の図形を書く必要があったので、条件文によって x 軸のDATAの符号を反転させています。

マシン語について…画面を上にスクロールさせるためのものです。このCGでは、上にはみ出た画面データの左右を反転させて、画面の下に表示させてあります。ただし、スクロールのときに画面がずれて美しくないので、入力される方は、〔SET MACHINE LANGUAGE〕、〔MOVE PICTURE〕および〔MACHINE〕は入力しないことをおすすめします。

また、マシン語ルーチン内では、STOP KEYのみが有効です。マシン語は、リロケータブルで、このプログラムでは、バッファ＃0におかれています。

以上、「おユキ」、「弁天」とも、バック処理にくふうをこらしている作品です。これで、構図的にもっと、動きのあるものができるとよかったと思います。また、「弁天」の場合、胸の部分があまり見えていないために、全体的に頭が重いように感じられます。

うる星やつら　弁天　プログラムリスト

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1 '┌───────────────────────────────┐
2 '│                               │
3 '│    ---- [[ BENTEN ]] ----     │
4 '│                               │
5 '│    Programed by A.Fumioka     │
6 '│                               │
7 '│      DATE : S40.06.21         │
8 '│                               │
9 '└───────────────────────────────┘
10 WIDTH 80,20:CONSOLE 0,25,0,1:COLOR 7,1:SCREEN 0,0:CLS 3:FOR I=0 TO 7:COLOR=(I
,I):NEXT I:CLEAR ,,1024
20 INPUT "Printer ? (Y/N)";A$:IF A$="Y" OR A$="y" THEN VIEW(0,0)-(639,199):LINE(
0,190)-(639,199),7,BF:VIEW(0,0)-(639,189):F=1 ELSE VIEW(0,0)-(639,199):F=0
30 WINDOW(0,0)-(639,199):CLS 1
40 DIM PALETTE$(15)
50 GOSUB *MAKEPALETTE
60 '
70 ' [ DRAW PICTURE ]
80 '
90 RESTORE *MAINLINE:C=7:GOSUB *LINE.D
100 RESTORE *SUBLINE:C=7:GOSUB *LINE.D
110 RESTORE *PAINT.DATA.A:C=7:GOSUB *PAINT.D
120 RESTORE *SUBLINE:C=1:GOSUB *LINE.D
130 RESTORE *ADDLINE3:C=7:GOSUB *LINE.D
140 RESTORE *PAINT.DATA.B:C=7:GOSUB *PAINT.D
150 RESTORE *MAINLINE:C=0:GOSUB *LINE.D
160 RESTORE *PAINT.DATA.C:C=0:GOSUB *PAINT.D
170 RESTORE *ADDLINE:C=7:GOSUB *LINE.D
180 RESTORE *PAINT.DATA.D:C=7:GOSUB *PAINT.D
190 RESTORE *ADDLINE:C=0:GOSUB *LINE.D
200 RESTORE *ADDLINE2:C=0:GOSUB *LINE.D
210 RESTORE *GARASULINE:C=7:GOSUB *LINE.D
220 RESTORE *CIRCLE.DATA:GOSUB *CIRCLE.D
230 RESTORE *BACK.S:C=6:GOSUB *LINE.D
240 RESTORE *PAINT.DATA.E:C=6:GOSUB *PAINT.D
250 RESTORE *BACK.D:C=0:GOSUB *LINE.D
260 RESTORE *BACK.A:C=0:GOSUB *LINE.D
270 '
280 ' [ MAKE FILM ]
290 '
300 LINE(75,-1)-(564,195),0,B:LINE(74,-1)-(565,196),5,B:PAINT(0,0),5,5:PAINT(0,0
),0,0:LINE(0,-1)-(639,200),7,B
310 RESTORE *FILMDATA:FOR I=1 TO 5:READ X,Y:LINE(16,X)-(60,Y),7,BF:NEXT I:RESTOR
E *FILMDATA:FOR I=1 TO 5:READ X,Y:LINE(579,X)-(623,Y),7,BF:NEXT I
320 '
330 ' [ DRAW NAME ]
340 '
350 POINT(7,167):G=0:GOSUB *NAME.D:POINT(632,67):G=1:GOSUB *NAME.D
360 IF F=1 THEN END
370 '
380 ' [ SET MACHINE LANGUAGE ]
390 '
400 ADDLESS=VARPTR(#0)+10:DEF USR1=ADDLESS
410 RESTORE *MACHINE
420 READ DA$:IF DA$="END" THEN 460 ELSE POKE ADDLESS,VAL("&h"+DA$):ADDLESS=ADDLE
SS+1:GOTO 420
430 '
440 ' [ MOVE PICTURE ]
450 '
460 DA=USR1(DA)
470 END
480 '
490 ' [ SUB-ROUTINE BLOCK ]
500 '
510 '
520 '
530 *LINE.D
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540 READ X,Y:IF X=-1 AND Y=-1 THEN RETURN ELSE IF X=0 AND Y=0 THEN READ X,Y:POIN
T(X,Y):GOTO *LINE.D ELSE LINE-(X,Y),C:GOTO *LINE.D
550 *MAKEPALETTE
560 RESTORE *PALETTE
570 A=0
580 READ A$:IF A$="END" THEN RETURN
590 PALETTE$(A)="":FOR I=1 TO LEN(A$) STEP 2:B=VAL("&h"+MID$(A$,I,2)):PALETTE$(A
)=PALETTE$(A)+CHR$(B):NEXT I
600 A=A+1:GOTO 580
610 *PAINT.D
620 READ X,Y:IF X=-1 AND Y=-1 THEN RETURN ELSE IF X=0 AND Y=0 THEN 650
630 IF B=1 THEN PAINT(X,Y),A,C ELSE PAINT(X,Y),PALETTE$(A-8),C
640 GOTO *PAINT.D
650 READ A:IF A<8 THEN B=1 ELSE B=0
660 GOTO *PAINT.D
670 *CIRCLE.D
680 READ X,Y:IF X=-1 AND Y=-1 THEN RETURN ELSE CIRCLE(X,Y),3,2:GOTO *CIRCLE.D
690 *NAME.D
700 RESTORE *NAMEDATA
710 READ X,Y:IF X=999 AND Y=999 THEN RETURN
720 IF X=0 AND Y=0 THEN READ X,Y:IF G=1 THEN X=X-2*X:POINT STEP(X,Y):GOTO 710 EL
SE POINT STEP(X,Y):GOTO 710
730 IF G=1 THEN X=X-2*X
740 LINE -STEP(X,Y),2:GOTO 710
1000 '
1010 ' [ DATA BLOCK ]
1020 '       ▌
1030 '       ◤
1040 '
1050 *PALETTE
1060 DATA 550000AA0000,5555FFAAAAFF,00AA00005500,001100004400,55FF55AAFFAA,AAFF5
555FFAA,00EE00007700,00EEEE00BBBB,AAAAAA555555,FFAAFFFF55FF,AAFFFF55FFFF,AAAA005
55500
1070 DATA END
1080 *MAINLINE
1090 DATA 0,0,332,68,339,72,343,74,347,79,350,83,349,90,351,94,354,98,358,102,36
9,107,379,110,385,112,389,114,394,116,413,115,430,112,445,108,460,103,0,0,349,82
,334,81,317,79,301,76,293,73,288,69,285,65,291,67,296,68
1100 DATA 288,63,282,58,278,51,277,45,279,39,284,32,290,27,288,33,288,36,291,41,
292,33,296,26,302,20,308,16,321,11,335,7,339,7,333,11,332,14,341,9,352,6,361,5,3
71,6,364,8,360,10,361,12,367,12,390,7,408,4,433,3,446,5
1110 DATA 456,7,463,10,467,8,475,7,486,8,502,13,514,19,529,29,543,43,550,58,549,
68,543,78,531,90,516,99,508,102,498,103,492,103,494,107,498,108,507,109,501,111,
494,111,487,108,490,113,493,114,481,113,477,109,473,113
1120 DATA 461,110,474,99,478,98,486,101,480,106,478,104,475,104,473,105,472,107,
474,108,477,109,0,0,479,98,483,97,488,99,492,99,495,97,497,95,496,90,495,89,497,
87,499,84,499,80,496,75,494,73,491,73,488,74,486,77
1130 DATA 486,82,487,88,486,93,483,97,0,0,474,99,470,99,464,96,458,92,456,87,462
,90,464,90,460,86,459,82,460,78,463,82,466,84,468,85,472,82,474,76,470,71,463,67
,457,61,457,65,451,60,447,56,445,51,447,43,443,50,436,56
1140 DATA 426,60,418,62,410,63,393,64,385,64,0,0,422,46,416,51,407,56,398,60,385
,64,375,66,362,67,351,68,342,67,0,0,377,52,367,58,354,63,348,65,342,67,332,68,32
3,69,315,68,308,66,303,63,300,60,0,0,339,81,340,87,338,90
1150 DATA 338,90,332,87,331,84,328,87,331,92,335,94,327,93,326,92,332,98,339,101
,345,102,351,101,354,98,0,0,357,101,350,107,360,109,364,105,0,0,349,73,348,70,34
8,70,350,69,361,70,368,73,373,76,375,78,377,81,377,82
1160 DATA 375,85,372,86,361,85,359,84,0,0,369,86,366,83,363,79,362,75,363,71,0,0
,368,77,367,79,369,82,371,82,371,80,368,77,0,0,414,73,421,68,431,64,441,63,451,6
5,456,70,0,0,454,79,446,82,434,83,430,84,420,83,416,78
1170 DATA 414,73,0,0,421,68,429,71,434,74,436,78,435,83,0,0,421,74,422,77,423,79
,426,80,426,77,421,74,0,0,384,85,383,86,379,86,378,88,380,90,381,92,0,0,384,101,
397,100,407,100,398,105,391,106,389,104,384,101
1180 DATA 0,0,389,104,397,100
1190 DATA 0,0,353,108,335,111,319,115,299,120,279,126,251,134,233,137,219,140,21
0,143,197,150,189,156,182,163,178,168,178,173,183,177,195,180,211,183,230,185,24
0,185,251,183,274,174,291,166,306,160,345,147,364,142
1200 DATA 382,139,394,138,402,139,418,143,431,149,440,155,0,0,497,138,483,131,47
6,129,466,126,473,130,476,133,477,135,476,138,469,140,457,139,440,136,424,135,40
8,137,399,139,413,145,413,150,0,0,364,142,392,146,413,150
1210 DATA 440,155,455,159,462,161,0,0,453,165,462,161,475,154,491,144,487,143,48
8,140,497,138,500,136,496,134,498,131,505,129,507,127,0,0,251,134,272,132,295,12
9,324,124,351,119,372,116,387,116,408,117,436,120,452,123
```

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1220 DATA 466,126,0,0,402,138,410,133,417,127,418,125,418,121,417,118,0,0,201,14
8,218,152,232,157,239,161,242,165,242,169,238,177,230,185,0,0,219,184,225,177,22
8,172,227,167,222,162,212,157,195,152,0,0,394,182,377,181
1230 DATA 364,179,349,174,337,168,327,161,0,0,311,158,327,161,343,164,359,169,37
9,176,394,182,408,188,424,195,440,199,458,202,0,0,491,200,507,193,526,182,543,17
0,560,156,565,156,569,155,571,152,570,148,573,145,577,146
1240 DATA 583,145,583,141,578,136,584,129,586,120,585,115,579,109,569,104,558,10
2,539,101,521,103,502,106,494,107,0,0,578,136,574,133,570,130,560,128,571,136,57
3,141,573,145,0,0,570,149,565,139,559,134,550,131,534,128
1250 DATA 519,128,503,130,0,0,500,136,513,135,528,134,545,136,553,140,558,148,56
0,156,0,0,497,138,517,138,529,140,535,142,538,145,518,142,503,143,491,144,0,0,57
0,154,575,162,586,168,598,173,619,179,641,182,0,0,575,162
1260 DATA 540,172,0,0,401,185,334,188,330,191,321,200,0,0,291,201,314,196,331,19
0,334,188,337,184,336,182,327,183,287,186,234,185,0,0,195,180,182,185,164,189,13
9,192,126,193,112,191,124,182,140,176,154,172,163,171
1270 DATA 172,172,180,175,0,0,145,175,142,170,137,167,128,164,117,163,106,165,93
,169,82,174,73,180,68,185,92,186,124,182,0,0,96,168,98,161,100,160,88,160,73,162
,70,162,0,0,50,165,39,168,34,170,31,174,31,179,39,184
1280 DATA 60,190,98,197,172,202,0,0,73,200,56,197,33,191,26,187,24,184,23,180,26
,175,0,0,40,184,45,179,60,174,78,170,95,168,0,0,-1,200,10,188,26,175,34,170,0,0,
336,182,290,192,239,200
1290 *GARASULINE
1300 DATA 0,0,34,170,52,158,74,147,99,138,120,131,165,119,214,109,253,104,268,10
3
1310 DATA 283,104,285,106,273,108,264,109,242,115,230,120,226,123,225,126,230,12
8,253,129,289,127,369,116,0,0,411,117,441,118,444,120,442,124,434,130,408,146,37
1,165,336,182,-1,-1
1320 *SUBLINE
1330 DATA 0,0,319,70,332,74,346,81,0,0,341,84,350,94,0,0,364,66,370,62,376,57,37
8,53,0,0,409,62,416,57,421,53,423,47,0,0,461,11,454,10,445,11,439,16,437,22,436,
28,439,36,441,45,440,51,0,0,451,58,450,52,451,49,457,45
1340 DATA 455,50,459,54,466,60,474,67,478,73,479,83,480,87,478,92,472,96,464,95,
0,0,346,75,349,74,354,80,358,83,0,0,376,77,392,76,403,74,414,75,0,0,430,85,437,8
7,441,92,441,94,439,100,432,108,423,112,0,0,455,106
1350 DATA 452,110,445,115,439,117,0,0,560,104,565,108,568,112,570,117,569,125,56
6,128,0,0,563,131,560,134,0,0,552,141,544,150,532,160,509,175,485,188,454,200,0,
0,452,165,443,164,430,160,406,153,400,152,0,0,396,151
1360 DATA 381,148,361,144,0,0,456,71,454,78,0,0,461,103,468,99
1370 DATA 0,0,553,170,578,172,590,175,606,180,633,185,641,186,0,0,101,159,116,15
0,133,142,159,132,190,122,218,114,239,110,261,107,276,107,0,0,167,123,142,129,11
1,139,109,140,116,143,131,136,168,124,0,0,91,146,80,150
1380 DATA 67,156,51,165,43,172,50,175,69,162,88,152,98,149,91,146,-1,-1
1390 *ADDLINE
1400 DATA 0,0,458,12,477,30,480,30,484,29,464,11,458,12,0,0,473,26,469,28,468,30
,485,46,489,47,502,46,508,64,497,75,492,72,503,61,507,61,0,0,506,66,511,67,515,6
6,508,43,488,40,477,30,0,0,479,25,485,24,490,24,507,43
1410 DATA 0,0,500,42,486,28,483,28,0,0,488,40,493,44,500,46,0,0,493,47,498,61,50
2,62,0,0,499,65,492,63,487,47,0,0,514,63,522,65,523,67,505,84,502,84,499,82,505,
80,503,76,497,77,499,82,0,0,504,77,515,66,-1,-1
1420 *ADDLINE2
1430 DATA 0,0,411,67,419,62,0,0,432,58,444,59,0,0,453,67,458,67,463,65,0,0,456,7
0,460,70,465,68,0,0,349,72,343,72,338,71,0,0,349,74,346,74,342,73,0,0,492,79,488
,81,486,84,0,0,487,82,491,84,491,86,487,87,0,0,372,108
1440 DATA 328,118,284,130,0,0,205,149,223,144,261,137,294,133,350,128,391,126,40
3,126,416,128,0,0,303,128,357,122,389,121,418,123,0,0,226,155,260,147,306,139,35
1,133,381,131,411,132,0,0,241,164,265,160,292,154,332,144
1450 DATA 354,139,379,136,402,137,0,0,239,174,264,169,317,154,341,148,0,0,69,162
,51,165,0,0,351,187,343,191,342,194,341,197,343,201,0,0,364,187,359,191,358,195,
363,201,0,0,378,186,374,189,374,193,377,198,379,204
1460 DATA 0,0,394,185,390,189,389,193,390,198,395,202,0,0,409,188,406,191,405,19
4,407,198,411,201,0,0,415,72,423,66,432,63,440,62,447,64,454,68,0,0,372,75,366,7
1,359,69,348,69,346,72,-1,-1
1470 *CIRCLE.DATA
1480 DATA 565,161,323,189,300,195,278,199,81,199,59,194,39,189,29,183,405,144,39
7,140,-1,-1
1490 *BACK.S
1500 DATA 0,0,350,126,359,124,369,125,371,128,368,133,361,137,351,144,341,148
1510 *BACK.D
1520 DATA 0,0,286,110,287,112,286,116,289,120,295,125,300,127,300,132,295,137,28
8,139,280,139,281,142,284,146,291,149,298,149,307,152,318,152,327,150,335,149,34
1,146,343,144,345,142,332,138,349,138,350,135,352,130
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1530 DATA 348,125,343,121,337,116,329,115,323,115,323,120,321,123,316,126,307,12
7,301,124,295,121,292,118,291,115,291,111,292,110,286,110,0,0,176,94,171,95,163,
95,155,93,156,90,162,89,167,88,161,85,151,84,142,83
1540 DATA 133,85,129,87,140,90,126,90,123,93,125,96,125,99,131,101,141,103,149,1
03,145,101,145,98,150,95,154,95,160,97,173,97,177,96,176,94,0,0,118,47,125,49,13
2,53,141,55,160,57,179,59,206,55,203,51,198,49,189,45
1550 DATA 177,44,162,45,169,48,170,52,166,54,160,55,155,54,147,53,137,52,125,46,
120,45,118,47,0,0,150,53,144,50,153,50,160,51,168,53,0,0,182,59,206,59,199,56,0,
0,238,83,240,85,244,86,248,85,248,83,253,84,255,88,251,90
1560 DATA 246,89,249,92,244,93,238,92,235,90,240,89,241,87,237,83,238,80,0,0,580
,71,575,70,569,70,565,73,565,74,560,72,559,68,560,64,565,61,570,60,575,65,576,59
,582,59,590,61,592,65,595,67,595,69,589,68,584,68,581,69
1570 DATA 580,71,581,74,585,76,591,78,599,79,599,78,586,76,0,0,236,6,233,4,225,4
,218,5,211,8,207,3,208,-2,0,0,275,-2,276,1,275,7,271,8,268,11,262,14,259,10,255,
8,249,7,242,8,238,9,233,15,226,19,212,22,211,20,216,19
1580 DATA 223,17,230,13,236,6,-1,-1
1590 *ADDLINE3
1600 DATA 0,0,349,73,350,75,-1,-1
1610 *BACK.A
1620 DATA 0,0,307,131,309,135,308,140,306,143,0,0,314,133,317,137,318,142,0,0,31
9,130,329,131,334,130,338,127,0,0,149,93,143,93,140,94,138,96,0,0,149,91,147,89,
0,0,241,4,247,2,260,1,0,0,238,2,235,-1
1630 DATA 0,0,579,67,582,65,0,0,576,68,571,67,0,0,170,56,179,55,184,52,184,51,-1
,-1
1640 *PAINT.DATA.A
1650 DATA 0,0,8,366,75,431,79,0,0,7,370,80,424,77,443,71,0,0,12,398,96,513,118,4
50,183,572,183,500,143,0,0,11,346,84,331,71,361,64,408,59,453,31,0,0,13,494,83,4
02,148,410,142,0,0,16,358,106,478,102
1660 DATA 0,0,18,578,142,562,146,506,141,0,0,14,391,105,0,0,2,18,196,317,199,0,0
,7,68,159,116,140,74,196,314,191,0,0,19,109,172,162,182,0,0,8,205,191,0,0,17,430
,124,195,136,307,173,437,119,277,129,0,0,16,567,159,365,175,410,146
1670 DATA 373,113,270,153,348,169,388,142,0,0,10,205,169,0,0,0,235,166,387,102,0
,0,7,456,132,0,0,12,479,143,355,155,410,138,0,0,13,422,148,0,0,8,368,194,-1,-1
1680 *PAINT.DATA.B
1690 DATA 0,0,13,342,70,450,97,577,118,568,138,510,183,572,168,433,158,437,114,3
91,148,0,0,5,194,117,0,0,7,357,75,-1,-1
1700 *PAINT.DATA.C
1710 DATA 0,0,10,364,33,344,95,456,57,0,0,9,1,1,357,182,-1,-1
1720 *PAINT.DATA.D
1730 DATA 0,0,16,471,20,474,31,493,31,505,46,493,55,517,69,500,69,502,79,-1,-1
1740 *PAINT.DATA.E
1750 DATA 0,0,15,325,134,250,87,146,92,186,52,249,3,578,67,0,0,6,363,130,154,52,
199,58,-1,-1
1760 *FILMDATA
1770 DATA -11,10,38,60,88,110,138,160,188,210
1780 *NAMEDATA
1790 DATA 9,0,0,1,2,0,0,1,2,0,0,0,-2,1,-2,0,0,1,-9,0,0,0,3,-3,0,2,1,0,0,-2,0,0,-
4,6,1,0,0,0,-1,3,13,0,0,4,-2,0,0,0,1,-1,0,-2,0,0,-5,0,-1,0,-1,1,3,0,999,999
1800 *MACHINE
1810 '    +1 +2 +3 +4 +5 +6 +7 +8 +9 +A +B +C +D +E +F
1820 DATA F3,21,00,C0,11,CF,FE,3E,50,F5,D5,E5,0E,00,D3
1830 DATA 5C,18,34,E1,D1,F1,F5,D5,E5,0E,01,D3,5D,18,28
1840 DATA E1,D1,F1,E5,0E,02,D3,5E,18,1E,D1,01,80,3E,21
1850 DATA 50,C0,AF,18,5F,11,30,FE,01,50,00,21,80,FE,3E
1860 DATA FF,18,52,FB,CD,C2,35,D8,18,BA,06,00,CB,46,28
1870 DATA 02,CB,F8,CB,4E,28,02,CB,F0,CB,56,28,02,CB,E8
1880 DATA CB,5E,28,02,CB,E0,CB,66,28,02,CB,D8,CB,6E,28
1890 DATA 02,CB,D0,CB,76,28,02,CB,C8,CB,7E,28,02,CB,C0
1900 DATA EB,70,EB,1B,23,3D,FE,00,20,C4,D3,5F,79,FE,00
1910 DATA 28,89,FE,01,28,91,18,99,18,A1,F5,E5,C5,D5,D3
1920 DATA 5C,ED,B0,D3,5F,D1,C1,E1,E5,C5,D5,D3,5D,ED,B0
1930 DATA D3,5F,D1,C1,E1,D3,5E,ED,B0,D3,5F,F1,FE,00,28
1940 DATA DA,18,88
1950 DATA END
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うる星やつら
ウインクラム

PC—8801/mkII

長山　裕

ラムちゃんからのウインクメッセージ!!

長山君の連作の中の１つです。ラムの髪の毛の緑色と青の使い方やプログラムなど、共通性があり、長山君のスタイルが出ています。

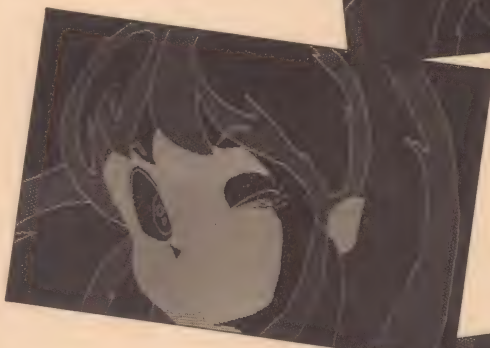
今回は、かわいいラムちゃんの特大アップ！細かいプログラミングとセンスでラムの魅力がよく出ていると思います。それでは、構図や色使い、アウトライン等細かくチェックしていくことにしましょう。

まず構図から。う〜ん、なんと大胆な！画面いっぱいの顔に圧倒されちゃいますね。自分がウインクされているようでうれしいですね♥

左はしに少しバックを残すところなんかマニアックでいいですねー。右に流れる髪のラインも大きさを感じさせて、うまくいっていると思います。ただおしいかなラムのつのの切り方がマズイな。入れるなら全部入れた方がよかったですね。中途半端はいけませんよ。構図の大胆さに比べて、線が貧弱だな。ここまで大きいと強弱をつけないと無理があるね。表情にも、もっと深みが出てくるんじゃないかな。それに線の凹凸がハッキリ見えてしまって、ちょっとギコちないし、神経質な感じになりがちだよ。面取りが大きいので、フラフラした線が気になっちゃうんだよね。それから、ウインクした目の位置がズレている。顔の左半分を隠してみるとよくわかると思います。原画をもっとよく見てください。

バックの処理は成功していると思います。キャラクターが割と大きな色面で構成されているので、細かなパターンが立体的な効果を出すのに役立っています。縦ジマにしたのもGOOD。

ＣＧテクニックはバッチリなので、細部のデッサンや、色使いをもっとガンバって下さい。全体の色調が弱く、メリハリがありません。髪の色やバックの色はイマイチだと思います。

▲これも、最初に黒をバックにして、白で人物の線を描いています。これは、一番楽で、カンタンにできるテクニックでしょう。

作者のプロフィール

「成績が0.5落ちて、とうぶんＣＧが作れそうにない。来年の３月になったら、また作って送るからね」という、ラムちゃんの大ファンで８番目に作った「ラム」が、データも長くなり、プログラムも少しややこしくなって、苦労しただけに気に入っている作品なのだそうです。

……15才の長山君でした。

うる星やつら　ウインクラム　プログラムリスト

```
10 '
20 '      ILL.                 LUM !!!
30 '
40 '       ｺﾄ                PART 2 , No.002
50 '                                                  C. RUMIKO
60 '   Y.NAGAYAMA            1984年 (S.59年)              TAKAHASHI
70 '
80 '     ﾉ ﾂｸｯﾀ                6月  6日
90 '
100 '        ========== ｼｮｷ ｾｯﾃｲ ==========
110  CLEAR:SCREEN 0,3:WIDTH 80,25:CONSOLE 0,25,0,1
120  FOR I=0 TO 7:COLOR=(I,I):NEXT I:COLOR 7,0,0,7:CLS 3:SCREEN ,0
130 '        ==========   ﾒｲﾝ    ==========
140   *MAIN.
150    RESTORE
160    K=K+1
170      *READ.
180       READ X,Y
190        IF X<>Y OR X<999 AND X>7 THEN *LINE.
200        IF X<999 THEN 220
210        IF K=1 THEN *PAINT. ELSE *PSET.
220        IF K=1 THEN C=7 ELSE C=ABS(X)
230        IF X<0 THEN *READ. ELSE *POINT.
240 '        ==========   LINE   ==========
250      *LINE.
260       LINE -(X,Y),C
270       GOTO *READ.
280 '        ==========  POINT   ==========
290   *POINT.
300    READ X,Y
310    POINT (X,Y)
320    GOTO *READ.
330 '        ==========  PAINT   ==========
340 *PAINT.
350 '        ==========   TILE   ==========
360  FOR I=1 TO 8
370   FOR J=0 TO 5
380    READ A
390  T$(I)=T$(I)+CHR$(A)
400   NEXT J
410  NEXT I
420     FOR I=0 TO 20
430      READ A
440      T$(9)=T$(9)+CHR$(A)
450     NEXT I
460 '        ========== PAINTING ==========
470  READ X,Y,C
480    IF X=999 THEN *MAIN.
490    IF C<1 THEN 520
500  PAINT(X,Y),T$(C),7
510   GOTO 470
520  PAINT(X,Y),ABS(C),7
530   GOTO 470
540 '        ==========   PSET   ==========
550 *PSET.
560  PSET(430,199),4
570  PSET( 61,150),4
580                          END
590 '        ========== ﾗｲﾝ ﾃﾞｰﾀｰ ==========
600 '        ==========   ﾘﾝｶｸ   ==========
610 DATA   0,  0
620 DATA 148, 89,144, 95,145,102,151,111,162,120,183,133,194,141,198,146
630 DATA 201,158,208,169,218,176,270,193,284,196,331,189,368,181,387,174
640 '        ==========    ｶﾐ    ==========
650 DATA   0,  0
660 DATA 189,138,159,133,139,127,116,118, 99,108, 89, 99, 82, 86, 82, 77
670 DATA  85, 66, 95, 50,106, 37,119, 25,140, 13,158,  4,169,  0,  0,  0
680 DATA 403,  0,435, 10,451, 18,467, 30,478, 44,486, 57,489, 68,490, 75
```

```
690  DATA 489, 86,485, 95,480, 99,  4,  4
700  DATA 472,  0,492, 11,511, 23,537, 41,561, 60,566, 67,553, 62,536, 59
710  DATA 552, 67,563, 76,568, 87,572, 98,574,113,573,132,572,138,568,135
720  DATA 559,156,547,169,539,178,531,186,511,199,  0,  0
730  DATA 520,  0,546, 14,564, 26,577, 39,590, 53,599, 67,607, 83,616,102
740  DATA 619,120,618,140,617,168,610,188,607,199,  0,  0
750  DATA  93,105, 60,115, 34,121,  0,128,  4,  4
760  DATA 133,126,106,128, 84,133, 64,138, 43,145, 31,153, 51,150, 67,149
770  DATA  44,156, 30,162, 17,173, 0,184,  0,  0
780  DATA 193,142,172,155,155,170,144,186,140,199,  4,  4
790  DATA 202,162,182,176,176,183,183,182,177,189,173,199,  0,  0
800  DATA 236,183,234,199,  0,  0
810  DATA 135, 76,141, 85,148, 89,160, 94,178, 97,182, 97,179, 90,178, 85
820  DATA 179, 78,182, 67,187, 59,190, 54,191, 48,194, 35,197, 21,204,  9
830  DATA 213,  0,  0,  0
840  DATA 191, 55,197, 65,205, 72,217, 78,232, 83,249, 86,272, 88,289, 87
850  DATA 291, 86,278, 78,269, 70,260, 61,255, 53,253, 46,267, 57,281, 65
860  DATA 301, 73,331, 79,359, 83,379, 86,394, 90,410, 96,424,104,432,113
870  DATA 434,117,450,124,461,128,470,136,476,148,482,159,481,173,478,199
880  DATA   0,  0
890  DATA 434,118,431,136,427,152,420,166,410,177,393,187,378,196,376,199
900  DATA   4,  4
910  DATA 451,126,452,136,453,150,452,161,446,173,435,187,428,193,420,199
920  DATA   4,  4
930  DATA 428,199,434,197,432,199,  4,  4
940  DATA 349,  0,374,  2,401,  8,409, 12,400, 12,419, 19,433, 24,448, 33
950  DATA 459, 42,460, 47,453, 45,450, 44,456, 50,463, 58,466, 70,468, 83
960  DATA 467, 96,464, 98,453,101,445,100,440, 97,433, 91,420, 84,410, 79
970  DATA 403, 77,405, 80,396, 77,375, 67,353, 57,320, 45,329, 54,336, 59
980  DATA 310, 56,288, 51,265, 42,250, 34,242, 25,240, 16,244, 10,255,  0
990  DATA   4,  4
1000 DATA 173, 11,157, 14,139, 23,123, 35,112, 47,104, 61,101, 76,106, 89
1010 DATA 115, 99,127,106,135,108,128, 96,124, 87,120, 82,119, 75,125, 80
1020 DATA 127, 83,128, 69,130, 61,140, 51,144, 49,146, 62,149, 69,154, 73
1030 DATA 158, 60,165, 50,176, 39,182, 28,185, 19,186, 15,184, 12,174, 11
1040 '          ==========      ﾂﾉ       ==========
1050 DATA   0,  0
1060 DATA 126, 20,115, 21,114, 22,113, 29,  0,  0
1070 DATA 448, 15,447,  0,  0,  0
1080 DATA 447,  8,435,  5,424,  0,  0,  0
1090 DATA 446,  2,439,  0,  0,  0
1100 '          ==========      ｸﾋﾞ      ==========
1110 DATA 292,196,292,199,  0,  0
1120 '          ==========      ﾐﾐ       ==========
1130 DATA 452,123,450,115,453,109,464,104,474,101,480,100,490,100,491,102
1140 DATA 490,108,489,115,488,122,487,128,481,133,472,136,  0,  0
1150 DATA 458,125,463,123,464,119,462,115,463,113,467,111,472,111,476,113
1160 DATA 477,117,  0,  0
1170 DATA 465,119,470,118,473,119,472,122,468,125,464,127,  0,  0
1180 '          ==========    ﾋﾀﾞﾘ ﾒ     ==========
1190 DATA 187,116,185,108,186,104,190,102,193,102,201,104,209,107,220,112
1200 DATA 229,118,240,127,247,134,249,138,248,141,241,144,234,144,224,143
1210 DATA 213,141,205,137, -7, -7
1220 DATA 198,131,192,124,187,117,  0,  0
1230 DATA 186,116,182,111,181,107,183,102,186,100,191, 99,197,100,208,103
1240 DATA 219,109, -7, -7
1250 DATA 233,120,  1,  1
1260 DATA 222,115,218,120,219,125,222,131,227,135,234,138,239,139,243,138
1270 DATA 247,136,  1,  1
1280 DATA 227,122,224,123,224,125,226,127,229,128,232,127,232,125,231,123
1290 DATA 228,122,  0,  0
1300 DATA 235,129,233,130,234,132,236,133,238,132,237,130,236,129,  0,  0
1310 DATA 184,116,177,115,  0,  0
1320 DATA 181,113,171,110,  0,  0
1330 DATA 180,109,169,105,  0,  0
1340 DATA 180,105,171,100,  0,  0
1350 DATA 178, 89,184, 85,186, 85,195, 89,199, 92,195, 92,190, 89,186, 87
1360 DATA 181, 88,  0,  0
1370 '          ==========     ﾐｷﾞ ﾒ     ==========
1380 DATA 305, 90,307, 85,310, 82,314, 81,323, 80,332, 81,342, 84,365, 93
1390 DATA 374, 98,378,104,  0,  0
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1400 DATA 321,118,333,113,350,107,367,103,372,103,379,104,  0,  0
1410 DATA 321,119,340,114,358,110,368,109,376,110,  0,  0
1420 DATA 322,120,338,116,349,113,362,111,373,111,  0,  0
1430 DATA 324,121,343,116,358,113,375,112,  0,  0
1440 DATA 326,122,348,116,376,114,  0,  0
1450 DATA 377,109,382,103,387, 97,  0,  0
1460 DATA 378,111,391,104,  0,  0
1470 DATA 380,113,393,110,  7,  7
1480 DATA 364, 94,346, 93,331, 94,313, 99,309,102,308,108,311,112,320,118
1490 DATA   0,  0
1500 DATA 291, 79,298, 72,306, 67,314; 65,326, 66,330, 67,329, 68,318, 67
1510 DATA 313, 68,305, 71,292, 79,  0,  0
1520 '          ==========     ハナ     ==========
1530 DATA 256,140,248,144,245,145,252,149,256,153,259,154, -7, -7
1540 DATA 262,151,264,149,262,147,256,146,250,145,  0,  0
1550 '          ==========     クチ     ==========
1560 DATA 274,166,281,167,290,165,298,162,  0,  0
1570 DATA 282,173,288,174,  7,  7
1580 '          ========== キョウカイ セン ==========
1590 DATA 147,103,151, 97,156, 94,  7,  7
1600 DATA 181, 91,196, 96,209, 98,216, 98,209, 92,207, 85,207, 80,209, 76
1610 DATA   7,  7
1620 DATA 285, 81,298, 82,310, 81,326, 79,  7,  7
1630 DATA 377,115,389,122,393,130,395,141,396,152,394,161,391,171,388,173
1640 DATA   7,  7
1650 DATA 317,192,341,191,356,192,362,195,362,199,999,999
1660 '          ========== TILE DATA ==========
1670 DATA 187,255,187,238,255,238                             :'T$(1)
1680 DATA   0,  0, 85,  0,  0,170                             :'T$(2)
1690 DATA  64,  0,187,  4,  0,238                             :'T$(3)
1700 DATA   0,255,187,  0,255,238                             :'T$(4)
1710 DATA  68,187, 85, 17,238,170                             :'T$(5)
1720 DATA 255, 68,187,255, 17,238                             :'T$(6)
1730 DATA 255, 68,255,255, 17,255                             :'T$(7)
1740 DATA 191,255,255,251,255,255                             :'T$(8)
1750 DATA  56,231, 56,206,225,248                             :'T$(9)
1760 DATA 206,225,248,142,241,253                             :'T$(9)
1770 DATA 206,225,248,206,225,248                             :'T$(9)
1780 DATA  56,231, 56                                         :'T$(9)
1790 '          ==========   PAINT P   ==========
1800 DATA 289,123,  1,320,199,  1,483,123,  1,337, 21,  2,172, 21,  2
1810 DATA 153,143,  2,196,188,  2,510,155,  2,468,174,  2,225, 30,  3
1820 DATA 191, 30,  3, 92,119,  3,178,166,  3,248,190,  3,412,190,  3
1830 DATA 574,190,  3,443, 11,  4,443,  5,  4,444,  0,  4,119, 23,  4
1840 DATA 148, 95,  5,190, 78,  5,285, 75,  5,384, 93,  5,257,149,  5
1850 DATA 192,101,  6,364,106,  6,331,105,  7,204,119, -7,228,125,  8
1860 DATA 239,136, -1, 60, 78,  9,615, 65,  9,999,999,999
1870 ' ┌────────────────────────────┐ ┌──────────────────────────────────────┐
1880 '│                            │ │                                      │
1890 '│                            │ │  コノ C.G. ノ バック ハ                │
1900 '│  2ホンメ ノ ラムチャン ノ C.G. │ │                                      │
1910 '│                            │ │╭                                     │
1920 ' └──────────────────────────╮ │ ╰│     ヒジョウニ キニイッテイマス。      │
1930 '                            │ └──┘                                    │
1940 ' ┌──────────────────────────╯                                         │
1950 '│                           ┌─┐       ミナサン ハ ドウ オモイマスカ !!     │
1960 '│     3日 クライ デ ツクッタヨ。 │ │                                      │
1970 '│                            │ │                                      │
1980 ' └────────────────────────────┘ └────────────────────────────────────╮ ╭
1990 ' ┌──────────────────────────────────────────────────────────────────╯ │
2000 ' └────────────────────────────────────────────────────────────────────┘
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うる星やつら
ビューティフル・ドリーマー
ラムとあたる

PC—8801/mkII

長山　裕

ラムのキッスはスペース気分!!

ビューティフルドリーマーの中の絵です。ラムが手にしている星型のキャンディーの部分は、苦労した割には絵がボケてしまっています。キャンディーをカラフルにした分、人物が弱まってしまいました。もう少しシャドーを濃くして、お皿もメリハリをつければシックリくるのではないでしょうか!!しかし、背景の天空の黒とのコントラストが生きていて、星と、キャンディーがうまくマッチしています。

構図的には、むずかしいポーズをうまく描いてあるのですが、全体的に少しものたりません。もう少しロングで腰下部分を描いてあれば、もっとよくなったでしょう。あたるの頭が多少切れても、ラムの足を左下の角まで伸ばし、画面の中心を右にずらした方がよりまとまると思います。このままでは下部の切り方が中途半端で落ち着きがありません。三角形の構図を使うと安定したものとなります。もっと欲を言えば、画面構成をするときに多少ポーズを変えるなりして、よりよい構図を作り出すと同時に、オリジナリティーも考えて下さい。アニメの1シーンをカットしただけでは構成上無理が多いもの。色使いも安易で特にあたるのズボンがキタナイ。その辺もっと研究するといいと思います。

うる星やつら　ラムとあたる　プログラムリスト

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10 '  ┌─────────────┐  ┌──────────────┐  ┌──────────────┐
20 '  |     ILL.    |  | URUSEIYATSURA |  | .            |
30 '  └─┐       ┌───┘  |               |  |              |
40 '    |  ｺﾄ   |      | PART 1 , No.006 |  |              |
50 '    |       |      |               |  | C. RUMIKO    |
60 '    | Y.NAGAYAMA | | 1984年 (S.59年) |  |    TAKAHASHI |
70 '  ┌─┘       └───┐  |               └─┐ |              └─┐ ┌─┐
80 '  |   ﾉ ﾂｸｯﾀ    |  |    7月  9日      | |                | | |
90 '  └─────────────┘  └────────────────┘ └────────────────┘ └─┘
100 '          ══════════ ｼｮｷ ｾｯﾃｲ ══════════
110  CLEAR:SCREEN 0,3:WIDTH 80,25:CONSOLE 0,25,0,1
120  FOR I=0 TO 7:COLOR=(I,I):NEXT I:COLOR 7,0,0,7:CLS 3:SCREEN ,0
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リスト続く

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130 '               ══════════     メイン     ══════════
140   *MAIN.
150    IF K=2 THEN RESTORE *HOSHI. ELSE RESTORE
160       K=K+1
170      *READ.
180       READ X,Y
190            IF X<>Y OR X<999 AND X>7 THEN *LINE.
200            IF X=999 THEN ON K GOTO *PAINT.,*MAIN.,*PSET.
210            IF K=1 THEN C=7 ELSE C=ABS(X)
220            IF X<0 THEN *READ. ELSE *POINT.
230 '               ══════════     LINE     ══════════
240      *LINE.
250       LINE -(X,Y),C
260       GOTO *READ.
270 '               ══════════     POINT     ══════════
280      *POINT.
290       READ X,Y
300       POINT (X,Y)
310       GOTO *READ.
320 '               ══════════     PAINT     ══════════
330      *PAINT.
340 '               ══════════     TILE     ══════════
350       DIM T$(11)
360          FOR I=1 TO 11
370          READ A$
380             FOR J=1 TO 11 STEP 2
390                 A=VAL("&H"+MID$(A$,J,2))
400                 T$(I)=T$(I)+CHR$(A)
410             NEXT J
420          NEXT I
430 '               ══════════   PAINTING   ══════════
440       READ X,Y
450       IF X=999 THEN *MAIN.
460       IF X=Y AND X<12 THEN C=X:READ X,Y
470       IF C>0 THEN PAINT(X,Y), T$(C),7:GOTO 440
480                   PAINT(X,Y),ABS(C),7:GOTO 440
490 '               ══════════     PSET     ══════════
500      *PSET.
510       READ X,Y
520       IF X=999 THEN *STAR.
530       IF X=Y AND X<8 THEN C=X:READ X,Y
540       PSET(X,Y),C
550       GOTO *PSET.
560 '               ══════════   ライン データー   ══════════
570 '               ══════════   ラム データー   ══════════
580 '               ══════════     リンカク     ══════════
590 DATA   0,  0,386, 50,389, 55,389, 60,390, 62,394, 64,400, 63,402, 64
600 DATA 401, 65,401, 67,401, 68,404, 69,407, 70,407, 71,406, 73,408, 75
610 DATA 407, 78,407, 79,410, 80,410, 82,409, 84,403, 87,388, 90,379, 92
620 DATA 368, 99,349,114
630 '               ══════════       メ       ══════════
640 DATA   0,  0,390, 61,394, 61,400, 59
650 DATA   0,  0,384, 65,377, 64,369, 66,358, 68
660 DATA   0,  0,378, 63,365, 67
670 DATA   5,  5,383, 64,379, 62,377, 62,365, 66
680 DATA   0,  0,381, 62,381, 59,380, 56,377, 54,374, 54,368, 57,365, 60
690 DATA 364, 64
700 DATA  -7, -7,364, 65
710 DATA   0,  0,363, 65,357, 64
720 DATA   0,  0,360, 67,351, 66
730 DATA   4,  4,378, 48,375, 47,370, 47,373, 47,376, 48
740 '               ══════════      カミ      ══════════
750 DATA   0,  0,390, 58,395, 56,399, 53,398, 51,395, 48,400, 51,400, 49
760 DATA 399, 46,394, 42,388, 40
770 DATA   0,  0,375, 55,382, 53,387, 49,388, 46,388, 43,387, 39,381, 35
780 DATA 374, 32,363, 30,358, 29,350, 30,340, 32,330, 36,319, 42,313, 50
790 DATA 310, 57,313, 66,320, 70,327, 74,336, 77,338, 80,335, 88,327, 97
800 DATA 319,104,308,111,301,118,299,123,298,126,299,130,301,125,304,120
810 DATA 303,124,303,128,304,131
820 DATA   0,  0,374, 55,378, 52,379, 50,378, 46,375, 43,373, 42,374, 46
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830  DATA 372, 49,369, 52,362, 58,357, 63,350, 68,346, 72,345, 74,349, 73
840  DATA 345, 77,344, 81,343, 88,344, 93,345,102,347,112,348,115,347,124
850  DATA 346,130,342,136,343,129,338,136
860  DATA   0,  0,338, 32,322, 33,308, 35,292, 40,274, 47,256, 57,235, 68
870  DATA 219, 78,185, 96,166,108,149,121,137,135,135,144,135,156,139,165
880  DATA 148,174,161,182,151,173,146,167,143,161,143,152,145,141,145,157
890  DATA 148,166,159,177,175,184
900  DATA   4,  4,355, 33,345, 34,335, 38,328, 43,325, 51,324, 56,321, 52
910  DATA 321, 50,317, 52,317, 55,318, 60,322, 64,329, 70,337, 73,339, 75
920  DATA 341, 77,341, 82,340, 89,336, 97,328,105,315,113,310,118,309,121
930  DATA 314,119,314,123,315,130
940  DATA   4,  4,340, 91,340,103,342,113,343,120,341,124,340,121,338,125
950  DATA 334,129,328,132
960  DATA   4,  4,356, 33,361, 34,367, 36,368, 40,368, 44,365, 49,358, 55
970  DATA 360, 51,357, 55,354, 59,349, 64,351, 57,346, 63,345, 67,341, 78
980  DATA   4,  4,329, 36,314, 37,295, 43,279, 51,267, 57,254, 66,239, 75
990  DATA 228, 82,220, 87,235, 86,246, 87,249, 89,249, 94,248,101,243,107
1000 DATA 224,116,206,121,194,121,182,119,181,117,181,112,183,107,172,112
1010 DATA 163,120,156,128,155,130,163,126,167,125,160,132,159,138,158,147
1020 DATA 159,157,165,168,171,174,184,181
1030 DATA   4,  4,389, 44,393, 47,395, 51,392, 49,393, 53,390, 55
1040 '          ==========      ｶﾗﾀﾞ      ==========
1050 DATA   0,  0,316,105,307,106,281,104,272,104,262,106,249,114,222,135
1060 DATA 208,148,199,157,191,166,191,169,192,173,198,177,203,177,217,175
1070 DATA 232,171,243,166,255,160,263,156,275,152,280,151,291,152,303,154
1080 DATA 311,154,318,153,323,151,321,150,326,149,329,147,327,145,330,144
1090 DATA 330,143,327,141,326,140,332,139
1100 DATA   0,  0,251,163,253,166,253,168,250,171
1110 DATA   0,  0,249,171,249,173,251,176,257,180,264,186,270,188,281,190
1120 DATA 299,191,318,190,339,189,341,188,343,191,343,196,343,199
1130 DATA   0,  0,250,170,244,172,234,175,239,178,242,182,242,190,243,199
1140 DATA 281,198,296,199
1150 DATA   0,  0,234,175,227,176,195,180,169,186,146,192,126,199
1160 DATA   0,  0,346,173,340,178,338,180,340,188
1170 DATA   0,  0,310,171,294,179
1180 DATA   0,  0,290,181,287,182,286,183
1190 DATA   0,  0,244,173,249,179,255,183,261,187,269,190,278,192,295,193
1200 DATA 321,193,342,191,326,193,311,194,293,193,280,192,265,190,258,187
1210 DATA 255,184,250,181,245,173
1220 DATA   0,  0,240,174,245,178,246,182,251,186,259,190,267,193,283,195
1230 DATA 312,197,342,196,331,197,316,198,292,197,281,195,267,194,257,192
1240 DATA 253,190,255,190,251,187,248,185,246,182,245,179,240,174
1250 DATA   0,  0,243,189,248,191,249,192,257,195,268,197,262,197,254,195
1260 DATA 249,190,243,191
1270 DATA   0,  0,243,196,249,198
1280 DATA   0,  0,351,113,359,114,372,114,381,115,385,118,388,123,389,128
1290 DATA   0,  0,372,126,369,129,371,131
1300 DATA   0,  0,276,129,268,137,257,145
1310 DATA   0,  0,201,160,207,155,216,152,237,148,261,145,272,142,280,139
1320 DATA 285,135
1330 DATA   0,  0,305,130,317,130,330,132,334,132,330,134
1340 DATA   0,  0,312,134,320,133,335,135,342,137,342,139,335,141,328,141
1350 DATA   0,  0,327,135,328,137,327,138
1360 DATA   0,  0,319,150,320,151,319,152
1370 DATA   0,  0,269,137,275,138,283,135
1380 DATA   0,  0,268,139,274,140
1390 DATA   0,  0,277,138,279,138
1400 DATA   0,  0,281,152,284,153
1410 DATA   0,  0,275,137,277,134
1420 DATA   0,  0,368,172,378,177,386,179,400,178,420,170
1430 DATA   0,  0,383,172,382,173,383,175
1440 DATA   0,  0,429,144,446,143,449,144,443,147,439,147,437,146,441,145
1450 DATA   0,  0,447,145,453,145,460,147,461,149,455,151,450,150,453,148
1460 DATA   0,  0,457,151,460,152,458,154,456,155,457,156,456,158,451,160
1470 DATA 444,161
1480 DATA   0,  0,453,160,457,161,458,162,451,165,445,166,442,165,447,163
1490 DATA 451,162,442,162
1500 '          ==========      ﾂﾉ        ==========
1510 DATA   0,  0,317, 43,311, 43,311, 44,314, 47
1520 DATA   0,  0,315, 43,313, 45
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1530 '                    ═══════════     ﾐﾐ      ═══════════
1540 DATA   0,  0,323, 73,321, 74,322, 77,324, 79,323, 81,325, 84,334, 86
1550 DATA   0,  0,336, 81,332, 79,329, 78,328, 79,330, 81,333, 83,335, 84
1560 DATA   0,  0,334, 81,332, 82
1570 DATA   0,  0,330, 78,327, 77,325, 77
1580 '                    ═══════════  ｷｮｳｶｲ ｾﾝ   ═══════════
1590 DATA   6,  6,376, 49,373, 54,370, 61,370, 64
1600 DATA   6,  6,372, 66,372, 71,373, 74,377, 78,386, 81,395, 83,408, 84
1610 DATA   6,  6,406, 79,404, 79,404, 80,408, 81
1620 DATA   6,  6,398, 64,397, 65,397, 66,400, 67
1630 DATA   6,  6,383, 90,369, 91,359, 93,346, 97
1640 DATA   6,  6,305,113,290,110,284,109,277,110,267,113,258,119,249,125
1650 DATA 243,132,234,142,230,149
1660 DATA   6,  6,205,158,202,164,202,166,202,169,208,170,217,168,228,165
1670 DATA 239,161,260,154,274,150,281,149,291,150,300,151,308,151,318,150
1680 DATA   6,  6,281,161,275,166,264,173,258,180
1690 DATA   6,  6,241,187,216,186,197,187,183,188,171,190,157,194,145,199
1700 DATA   6,  6,390,172,389,174,391,175,401,177
1710 '                    ═══════════ ｱﾀﾙ ﾃﾞｰﾀｰ   ═══════════
1720 '                    ═══════════    ﾘﾝｶｸ     ═══════════
1730 DATA   0,  0,398, 34,399, 37,398, 43
1740 DATA   0,  0,411, 80,421, 83,428, 84,474, 80,476, 79
1750 '                    ═══════════     ﾒ       ═══════════
1760 DATA   0,  0,456, 40,461, 38,467, 37,473, 38,481, 44,484, 49,483, 52
1770 DATA 482, 55,479, 57,472, 58,469, 58,463, 57,456, 56,450, 56
1780 DATA  -7, -7,448, 55,447, 53,448, 47,455, 41
1790 DATA   0,  0,453, 49,454, 50,454, 52,453, 53,451, 53,451, 52,451, 50
1800 DATA 452, 49
1810 DATA   0,  0,445, 37,446, 40,449, 37,453, 37,461, 35,469, 34,479, 35
1820 DATA 488, 38
1830 DATA   0,  0,478, 36,469, 36,454, 39,451, 40,449, 38
1840 DATA   0,  0,435, 39,428, 37,419, 38,408, 42,405, 47,404, 51,405, 54
1850 DATA 420, 53,423, 54
1860 DATA  -7, -7,428, 52,431, 49,434, 45,435, 40
1870 DATA   0,  0,425, 48,424, 49,423, 51,424, 52,426, 51,427, 49,426, 48
1880 DATA   0,  0,438, 37,428, 31,412, 32
1890 DATA   0,  0,425, 32,435, 38,438, 37
1900 '                    ═══════════     ﾊﾅ      ═══════════
1910 DATA   0,  0,435, 53,434, 54,427, 54,426, 55,426, 59,425, 60
1920 '                    ═══════════     ｸﾁ      ═══════════
1930 DATA   0,  0,407, 72,416, 71,419, 72,424, 74,430, 75,437, 75,444, 76
1940 DATA 453, 77,460, 79
1950 '                    ═══════════     ｶﾐ      ═══════════
1960 DATA   0,  0,377, 32,377, 30,386, 34,380, 27,378, 22,393, 20,387, 18
1970 DATA 379, 19,388, 15,401, 13,414, 12,422, 13,414, 10,423, 10,435, 12
1980 DATA 425,  8,440, 11,468, 12,487, 14,498, 17,511, 22,521, 31,523, 37
1990 DATA 522, 43,528, 38,529, 43,525, 49,522, 50,526, 55,525, 61,520, 57
2000 DATA 519, 62,517, 66,511, 70,504, 73
2010 DATA   0,  0,394, 36,403, 30
2020 DATA   0,  0,394, 32,406, 28,414, 25,410, 29,409, 33,410, 34,416, 29
2030 DATA 421, 26,430, 24,448, 21,437, 26,425, 31,439, 30,447, 28,457, 25
2040 DATA 443, 31,440, 36,441, 44,444, 47,444, 41,446, 37,450, 35,458, 33
2050 DATA 468, 32,475, 31,482, 29,488, 26,474, 33,479, 32,490, 30,481, 35
2060 DATA 490, 35,499, 33,493, 37,490, 43,490, 45,496, 40,503, 38,496, 44
2070 DATA 492, 48,492, 51,493, 58,493, 59,485, 61,477, 65,476, 68,481, 66
2080 DATA 488, 64,482, 68,480, 70,483, 69,479, 74,484, 72,477, 80,484, 77
2090 DATA 489, 74,493, 72,495, 68,499, 67,504, 66,505, 66,508, 68,506, 70
2100 DATA 504, 72,501, 75,494, 78,486, 78,484, 77
2110 '                    ═══════════    ｶﾗﾀﾞ     ═══════════
2120 DATA   0,  0,421, 84,421, 88,418, 93
2130 DATA   0,  0,470, 81,468, 84,465, 94
2140 DATA   0,  0,420, 88,410, 89,403, 88
2150 DATA   0,  0,392, 91,399, 94,403, 98,405,101,404,105
2160 DATA   0,  0,391,100,379, 99,374,100,374,101,378,102,386,101,396,103
2170 DATA 403,105,406,107,405,109,410,112,412,114,412,116,410,119
2180 DATA   0,  0,384,116,386,116,386,112,391,114,396,112,404,113,408,115
2190 DATA 411,116
2200 DATA   0,  0,406,115,410,120,411,125,411,128
2210 DATA   0,  0,399,130,417,128,442,125,471,122,486,118,500,115,512,114
2220 DATA 521,112,537,110,555,105,560,104,564,105,561,107,551,110,543,113
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2230 DATA 536,115,527,118
2240 DATA   0,  0,517,116,520,114,524,114,536,110
2250 DATA   0,  0,519,119,531,118,548,115,562,112,564,113,563,114,559,116
2260 DATA 551,118,527,123,529,124,551,122,555,122,558,123,556,124,544,126
2270 DATA 534,127,523,128,497,132,488,133,475,132,468,135,458,139,447,143
2280 DATA   0,  0,467, 89,478, 90,496, 91,509, 92,512, 93,517, 95,520,101
2290 DATA 522,106
2300 DATA   0,  0,418, 89,411, 91,411, 92,412, 93,411, 94,413, 94,418, 96
2310 DATA 428,102,429,104,434,103,441,104,448,104,459,105,462,108,465,108
2320 DATA 467,109,470,107,472,107,483,109,501,110,518,109,523,107,525,106
2330 DATA 523,105
2340 DATA   0,  0,524,107,526,111
2350 DATA   0,  0,424, 99,426, 99,433,101
2360 DATA   0,  0,438,103,440,101,450,102,464,100,476, 97,485, 95
2370 DATA   0,  0,467,116,474,120
2380 DATA   0,  0,472,110,474,114,481,118
2390 DATA   0,  0,482,109,482,112,485,117
2400 DATA   0,  0,481,102,481,107
2410 DATA   0,  0,536,128,546,132,547,133,544,136,540,138,536,137,535,140
2420 DATA 525,141,523,139,520,141,511,143,501,144,497,145,499,147,508,147
2430 DATA   0,  0,503,134,502,138,498,144
2440 DATA   0,  0,497,134,498,137,498,143
2450 DATA   0,  0,492,134,494,135,498,139
2460 DATA   0,  0,494,137,488,140,483,143,480,145,481,146,479,148,477,150
2470 DATA 473,151,462,151
2480 DATA   0,  0,475,151,477,153,476,154,470,156,458,157
2490 DATA   0,  0,507,144,509,146,502,156
2500 DATA   0,  0,543,138,546,145,547,148,547,150,541,157,532,164
2510 DATA   0,  0,475,155,480,156,475,159,470,163,468,164,464,164,463,166
2520 DATA 459,168,450,171,446,169,445,172,436,174,427,176,419,176,405,177
2530 DATA   0,  0,480,156,485,156,488,157,503,157,517,159,528,162,533,166
2540 DATA 534,169,534,173,529,180,520,187,492,199
2550 DATA   0,  0,523,178,528,177,531,176
2560 DATA   0,  0,501,163,486,165,472,168,462,173,453,180,447,189,439,199
2570 DATA   0,  0,488,158,483,162,479,162,480,164,477,166
2580 DATA   0,  0,411,178,401,186,393,192,394,185,397,179
2590 DATA   0,  0,387,180,384,188,382,199
2600 DATA   0,  0,373,176,373,182,374,191,376,199
2610 DATA   0,  0,363,178,364,186,366,191,370,198,371,199
2620 DATA   0,  0,423,199,440,197
2630 '           ==========       ｿﾉﾀ       ==========
2640 DATA   0,  0,495, 71,502, 69
2650 DATA   0,  0,498, 71,500, 71,498, 73,494, 74
2660 DATA   0,  0,440, 47,442, 49,441, 52,441, 53,442, 54,444, 54,445, 53
2670 DATA 444, 52
2680 DATA   0,  0,403, 93,403, 96
2690 DATA   0,  0,408,100,404,105
2700 DATA   0,  0,475,153,466,154,459,154
2710 '           ==========     ｷｮｳｶｲ ｾﾝ     ==========
2720 DATA   2,  2,441, 35,448, 31,456, 29,469, 26,480, 24,484, 23,479, 20
2730 DATA 487, 22,494, 23,491, 20,497, 23,505, 24,513, 28,522, 36
2740 DATA   6,  6,434, 55,442, 56,455, 58,464, 58,485, 61
2750 DATA   6,  6,427, 57,431, 59,432, 60,426, 60
2760 DATA   6,  6,405, 54,400, 54
2770 DATA   6,  6,439, 84,454, 85,456, 86,455, 89,453, 97,451,101
2780 DATA   6,  6,483, 96,493, 97,502, 99,510,103,511,108
2790 DATA   6,  6,510,145,519,144,525,145,526,147,523,153,518,158
2800 DATA   6,  6,486,160,494,159,506,160,518,162,521,165,519,171,511,177
2810 DATA 497,186,477,199
2820 DATA   6,  6,421,144,456,134,475,129,476,130,491,130,501,129,522,127
2830 DATA   6,  6,386,117,394,116,399,117,405,120,405,125,404,129
2840 DATA   7,  7,396, 94,396, 96,392,100
2850 DATA   7,  7,385,102,391,104,394,109,394,112
2860 DATA   7,  7,506,111,506,113
2870 DATA   7,  7,517,130,524,133,527,138,527,140
2880 DATA   1,  1,344,196,358,191,363,185
2890 DATA   1,  1,365,187,372,182,377,186,383,188,391,187,396,186,402,185
2900 DATA 403,189,407,191,417,191,426,190,437,189,447,187
2910 DATA   7,  7,411,120,415,123,423,126
2920 '           ==========       ｻｼﾞ       ==========
2930 DATA   6,  6,313,133,298,130,290,130,282,131,278,133,278,134,284,135
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2940 DATA 293,134,303,133,311,134
2950 DATA   6,  6,342,138,364,142,386,143,402,142,407,140,408,142,406,144
2960 DATA 391,147,375,146,362,144,341,140
2970 '            ===========       ｻﾗ       ===========
2980 DATA   6,  6,287,153,281,155,277,157,278,159,286,161,327,163,363,163
2990 DATA 413,162,432,161,450,158,454,156,455,154,455,152
3000 DATA   6,  6,305,163,309,166,319,170,340,172,354,172,382,172,407,171
3010 DATA 420,170,429,169,432,167,438,164,444,160
3020 DATA   6,  6,315,154,319,156,354,157,413,156,432,154,438,150,433,146
3030 DATA 425,145,405,145
3040 DATA   6,  6,450,149,445,147
3050 DATA   6,  6,437,145,437,145
3060 DATA   6,  6,367,141,367,135,373,131,382,129,390,129,399,131,403,134
3070 DATA 403,140,999,999
3080 '            ===========  ﾀｲﾙ ﾊﾟﾀｰﾝ  ===========
3090 DATA        4400FF1100FF              :'T$( 1)
3100 DATA        55FFFFAAFFFF              :'T$( 2)
3110 DATA        44FFFF11FFFF              :'T$( 3)
3120 DATA        777777DDDDDD              :'T$( 4)
3130 DATA        555555AAAAAA              :'T$( 5)
3140 DATA        BF0000FB0000              :'T$( 6)
3150 DATA        490000940000              :'T$( 7)
3160 DATA        00BB0000EE00              :'T$( 8)
3170 DATA        00550000AA00              :'T$( 9)
3180 DATA        B6FFFF6BFFFF              :'T$(10)
3190 DATA        FFFFBBFFFFEE              :'T$(11)
3200 '            ===========  ﾍﾟｲﾝﾄ ﾎﾟｲﾝﾄ ===========
3210 DATA  -4, -4,342, 52,328,114,291, 87,391, 50
3220 DATA   1,  1,357, 31,392, 44,395, 54,268, 54
3230 DATA  -6, -6,315, 45,312, 44,278,136,273,139,283,152,255,181,253,185
3240 DATA 248,188,248,196,280,137,282,136,276,137
3250 DATA   2,  2,395, 76,363, 96,374, 60,376, 52,282,116,267,141,298,141
3260 DATA 357,126,284,171,206,192,400,174,444,144,451,147,457,153,451,159
3270 DATA 453,162,446,160,341,135,301,129,416,171,326, 75,335, 83,333, 81
3280 DATA 416, 67,504, 67,436, 93,426,100,477,104,477,125,527,112,394,124
3290 DATA 516,154,498,170,478,166,320,132
3300 DATA   3,  3,369, 81,368, 63,362, 63,360, 66,376, 46,399, 65,408, 80
3310 DATA 276,107,281,150,307,152,321,151,264,164,224,180,274,199,377,174
3320 DATA 411, 37,424, 28,436, 49,456, 57,487, 44,479, 34,460, 34,428, 59
3330 DATA 484, 66,446, 38,461, 96,402,116,458,137,510,129,518,128,532,144
3340 DATA 528,174
3350 DATA   4,  4,440,114,493,114,515,137
3360 DATA   5,  5,398,100,380,100,398,107,409,117,415,125,523,110,536,132
3370 DATA 479,138,504,146,462,155,464,159,533,123,387,102
3380 DATA   6,  6,352,177,379,181,392,183,402,181,427,184
3390 DATA   7,  7,354,196,369,191,379,192,395,196,395,190
3400 DATA  -7, -7,411, 49
3410 DATA  -7, -7,462, 49,  8,  8,412, 17,  9,  9,503, 29,454, 38,429, 33
3420 DATA  10, 10,293,132,308,133,379,145,379,161,443,160,379,166, 11, 11
3430 DATA 383,148,398,140,999,999
3440 '            ===========       ﾎｼ       ===========
3450      *HOSHI.
3460 DATA   6,  6,345,146,342,150,353,149,339,146,347,152,347,145,345,150
3470 DATA 344,148
3480 DATA   6,  6,363,147,361,152,373,151,359,148,367,154,364,147,365,152
3490 DATA 363,149
3500 DATA   6,  6,386,149,383,154,393,150,378,152,390,153,387,149,386,153
3510 DATA   6,  6,410,147,408,153,418,151,404,149,415,154,411,147,411,152
3520 DATA   7,  7,426,147,422,152,432,150,421,148,429,154,426,147,425,151
3530 DATA   2,  2,399,149,397,154,408,152,394,150,401,155,400,149,399,153
3540 DATA 405,152
3550 DATA   1,  1,354,152,351,155,361,155,350,151,356,157,357,150,355,154
3560 DATA   4,  4,335,149,332,154,342,153,328,151,337,156,336,149,335,154
3570 DATA   5,  5,376,152,373,156,383,155,371,153,378,158,377,151,377,156
3580 DATA   5,  5,340,141,336,146,347,144,336,142,344,148,341,141,340,145
3590 DATA   1,  1,377,147,374,151,384,150,372,147,380,153,379,147,378,151
3600 DATA   2,  2,347,153,343,155,348,155,343,152
3610 DATA   3,  3,393,153,390,155,397,155,389,153
3620 DATA   6,  6,354,144,354,149,361,146,350,146,359,150,355,144
3630 DATA   5,  5,332,146,331,149,338,148,330,148
3640 DATA   6,  6,327,152,324,154,330,154,325,151,328,155
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3650 DATA   1,  1,419,146,419,150,425,149,416,147,422,150
3660 DATA   2,  2,405,146,401,149,409,148,401,147
3670 DATA   4,  4,391,148,393,152,397,148,389,148,395,151
3680 DATA   4,  4,368,146,368,150,373,148,365,148
3690 DATA   7,  7,365,153,365,156,371,155,363,155
3700 DATA   7,  7,414,143,412,147,419,146,409,145,415,149
3710 DATA   5,  5,420,141,418,144,430,143,416,142,423,147,421,141
3720 DATA   7,  7,411,141,407,147,417,144,408,144,412,147,411,141
3730 DATA   1,  1,431,145,429,149,438,149,428,146,436,151,432,145
3740 DATA   3,  3,419,151,417,155,427,154,416,152,421,156,420,151
3750 DATA   4,  4,409,153,406,157,413,157,406,153,410,158,411,153
3760 DATA   1,  1,342,153,341,158,350,156,335,155,342,159,342,154
3770 DATA   5,  5,381,133,378,138,386,137,376,135,384,140,381,133,381,138
3780 DATA   6,  6,395,133,394,138,403,136,390,135,399,139,395,133
3790 DATA   1,  1,387,127,387,134,394,131,381,131,394,135,388,127,389,133
3800 DATA   2,  2,389,138,389,142,395,140,383,140,393,143,390,138
3810 DATA   7,  7,373,136,372,140,380,140,369,137,377,142,374,136,374,140
3820 DATA   3,  3,374,129,373,135,380,133,369,132,378,135,375,129
3830 DATA   6,  6,386,134,386,138,392,136,383,135,390,139,388,133
3840 DATA   6,  6,367,133,365,138,376,137,365,134,369,140,368,133
3850 DATA   6,  6,381,140,380,143,385,142,376,142
3860 DATA   6,  6,401,138,400,141,407,139,396,139
3870 DATA   6,  6,397,129,397,134,406,133,393,132,402,136,398,129
3880 DATA   2,  2,380,128,380,134,384,132,377,130,385,135,380,128
3890 DATA   1,  1,349,143,349,147,354,145,345,144,353,148,349,143
3900 DATA   5,  5,339,147,339,152,346,151,333,150,341,156,338,148
3910 DATA   3,  3,401,189,397,193,406,191,396,189,403,194,401,188,400,192
3920 DATA   4,  4,417,177,415,180,420,179,416,177
3930 DATA   7,  7,332,142,332,145,336,144,330,144,999,999
3940 '          ==========     テン     ==========
3950 DATA   0,  0,422, 53,423, 53, 424, 53,425, 53
3960 DATA   1,  1,348,145,350,146,355,152,354,153,354,154,376,149,377,150
3970 DATA 344,144,345,145,348,143,347,143,379,153,389,129,420,147,421,147
3980 DATA 379,150,377,149,378,148,422,149,421,149,430,148,432,148,434,147
3990 DATA 432,146,431,146,390,132,388,132,392,133,391,133,388,130,388,133
4000 DATA 432,150,431,150,381,147,338,156,339,156,340,156,341,156,343,157
4010 DATA 340,157,337,157,336,157,335,157,386,132,423,148,433,150,435,151
4020 DATA 437,150,355,151,351,153,357,156,389,134,386,134,395,131,380,147
4030 DATA 380,148,381,148,339,155,340,155,341,155,352,151,353,151,422,147
4040 DATA 423,147,424,147,343,157,340,157,337,157,339,156,340,156,341,156
4050 DATA 338,156,343,154,344,154,341,154,344,155,343,155
4060 DATA   2,  2,390,141,388,141,381,132,379,130,379,132,379,134,375,132
4070 DATA 374,133,375,131,373,131,375,130,420,143,400,193,403,191,417,179
4080 DATA 382,132,385,133,481, 30,479, 30,479, 31,477, 31,402,152,400,152
4090 DATA 404,148,382,134
4100 DATA   3,  3,377,131,376,132,378,132,420,154,422,154,419,152,400,189
4110 DATA 399,189,401,191,399,192,402,189,402,187,402,188,404,190,394,153
4120 DATA 390,154,390,154,392,153,396,153,395,154,396,154
4130 DATA   4,  4,331,152,334,153,336,153,156,129,182,108,310,120,360, 52
4140 DATA 417,179,409,156,393,149,394,149,395,149,394,150,396,150,369,149
4150 DATA 379, 54,378, 54,376, 55,377, 55
4160 DATA   5,  5,372,157,373,157,421,143,341,144,343,144,337,149,376,155
4170 DATA 421,143,341,144,343,144,375,155,420,143,338,145,340,142,342,142
4180 DATA   6,  6,370,136,399,133,398,130,401,132,360, 68,359, 68,358, 68
4190 DATA 352,151,353,151,350,151,351,151,349,150,353,150,389,150,385,152
4200 DATA 405,150,407,151,400,150,401,150,374, 54,375, 54,422, 54
4210 DATA   7,  7,452, 50,452, 51,425, 49,425, 50,372,147,373,147,999,999
4220 '          ==========     ウシロ     ==========
4230      *STAR.
4240 DATA 415,440,419,455,405,475,395,485,389,491,384,495,382,499,387,502
4250 DATA 389,504,391,507,387,509,379,511,377,513,377,515,377,516,379,517
4260 DATA 378,517,379,519,381,521,352,522,345,523,340,523,328,524,316,523
4270 DATA 309,524,304,525,301,525,298,525,294,525,291,530,288,531,286,531
4280 DATA 283,532,281,531,278,530,275,529,273,528,271,528,269,526,267,525
4290 DATA 265,526,263,527,262,526,260,527,258,528,256,528,254,528,253,527
4300 DATA 251,528,249,521,247,521,245,521,243,520,241,521,239,520,237,518
4310 DATA 235,518,233,517,232,514,230,512,229,510,227,506,225,505,224,504
4320 DATA 222,503,221,501,219,499,217,482,216,481,214,472,212,471,210,471
4330 DATA 208,471,206,470,204,470,202,470,200,469,199,469,197,468,195,475
4340 DATA 193,489,191,505,189,513,187,516,185,518,183,520,182,520,180,521
4350 DATA 179,521,177,522,175,522,174,522,172,523,171,523,169,564,167,564
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4360 DATA 166,562,164,559,163,555,162,552,160,550,159,547,158,565,156,565
4370 DATA 155,563,154,560,152,556,151,551,150,546,148,542,147,538,146,533
4380 DATA 145,559,144,556,144,550,143,542,142,538,141,538,140,539,139,542
4390 DATA 138,545,138,546,137,549,136,548,135,547,135,546,135,545,134,545
4400 DATA 134,545,134,546,134,546,133,546,133,547,133,548,133,548,133,548
4410 DATA 133,549,133,549,133,549,133,549,133,548,133,547,133,546,133,546
4420 DATA 133,545,133,544,133,543,134,542,134,540,135,539,135,538,136,536
4430 DATA 136,535,137,532,137,534,138,535,139,535,140,536,141,536,142,536
4440 DATA 143,536,144,536,145,536,146,535,147,535,156,533,158,532,161,532
4450 DATA 162,532,164,531,167,530,169,528,171,527,175,526,173,524,169,523
4460 DATA 165,521,161,519,157,517,153,514,149,512,145,510,142,507,139,505
4470 DATA 136,503,134,500,131,498,128,496,125,494
4480 '                  ========== ﾊﾞｯｸ ﾉ ｼｮﾘ ==========
4490 RESTORE *STAR.:DEFINT A-Z:K=200:RANDOMIZE VAL(RIGHT$(TIME$,2))
4500 DIM X1(188),X2(188),BHX(200),BHY(200),BHC(200)
4510     FOR I=0 TO 188
4520         READ X1,X2
4530              X1(I)=X1:X2(I)=X2
4540     NEXT I
4550         FOR I=P TO K
4560             X=RND(1)*639:Y=RND(1)*199
4570                  IF Y>10 THEN 4580 ELSE 4590
4580                  IF X>X1(Y-11) AND X<X2(Y-11) THEN 4560
4590             C=RND(1)*6+1
4600             PSET(X,Y),C
4610             BHX(I)=X:BHY(I)=Y:BHC(I)=C
4620         NEXT I
4630   P=RND(1)*199
4640   X=BHX(P):Y=BHY(P):C=BHC(P):K=P
4650   PSET(X,Y),7:PSET(X,Y),C
4660   R=INP(4):H=INP(3):B=INP(2)
4670     IF R=251          THEN *R.
4680     IF H=254 OR B=251 THEN *H.
4690   GOTO 4650
4700  *R.
4710   XM=RND(1)*10+1:YM=RND(1)*5+1:M=RND(1)*1
4720     IF  M<1  THEN M=-1
4730   X1=X+XM*M:Y1=Y+YM
4740     IF Y1<11 THEN 4770
4750     IF Y1>199 OR X1<0 OR X1>639       THEN PSET(X,Y),0:GOTO 4550
4760     IF X1>X1(Y1-11) AND X1<X2(Y1-11) THEN PSET(X,Y),0:GOTO 4550
4770                   PSET(X1,Y1),C:PSET(X,Y),0:X=X1:Y=Y1:GOTO 4730
4780  *H.
4790   IF B=251 THEN W=10 ELSE W=60
4800      X1=RND(1)*160+1:Y1=RND(1)*80+1
4810         FOR I=0 TO X1*Y1/W
4820          X2=RND(1)*X1+X:Y2=RND(1)*Y1+Y
4830          IF Y2<11                           THEN 4860
4840          IF Y2>199        OR  X2>639        THEN 4880
4850          IF X2>X1(Y2-11) AND X2<X2(Y2-11) THEN 4880
4860          IF H=254 THEN C2=RND(1)*6+1 ELSE C2=0
4870          PSET(X2,Y2),C2
4880       NEXT I
4890    GOTO 4630
4900 '
4910 '
4920 '   C.G. No.006  「  ﾗﾑ ﾄ ｱﾀﾙ  」
4930 '
4940 '
4950 '                                                  [R] KEY ｦ
4960 '                                                      ｵｼﾃ ｺﾞﾗﾝ
4970 '      [H] KEY ｦ ｵｼﾃ ﾊﾞｯｸ ﾉ ﾎｼ ｦ ﾁｮｳｾﾂ ｼﾃ ｸﾀﾞｻｲ !!
4980 '
4990 '        ﾃﾞｰﾀｰ ｶﾞ ｵｵｲﾉﾃﾞ ﾂｶﾚﾀ.    10日 ｸﾗｲ ｶｶｯﾀ ﾄ ｵﾓｳ｡
5000 '
```

うる星やつら
ラム

PC—8801/mkII

長山　裕

ヨリ目がかわいいラムちゃんのアップを！

この元絵はちょっと古い、「桃源郷」の回のハイキングスタイルのラムちゃんです。この回は、今人気のアニメーター，いのまたむつみさんと遠藤麻美さんが作画したことで特に絵のよい回でした。そのせいか、この回のラムちゃんを描いたＣＧ作品もけっこう多いようですね。

さて、長山君の作品ですが、色の使い方に特徴があるように思えます。特にラムちゃんの髪の毛の緑色と青の使い方です。ラムちゃんは、今でも最も多く描かれてきたキャラクターですが、人によって髪の色は大きく変わったようです。この作品の場合、髪の色の濃い部分をだいぶ明るくしてあり、背景の色とあいまって、ＣＧ全体が明るい感じに仕上がっています。

バックが１色だけなので少しさびしいですね。ＴＶアニメの背景までは望まないとしても、色の具合や大きな柄の模様などを入れるとだいぶ感じが変わってきて、キャラクターがなおひきたってくるようになりますよ。

プログラムはかなり短いもので、非常によくまとまっていますね。

はじめのタイトルのところのコメントがおもしろく入っていますね。こういうところの遊び心も感心しますね。また､各処理部分の頭に入っているコメントも、見やすくていいと思います。そして、きれいに字下げがされていて文句のつけようがありませんね。皆さんも、BASICでもなるべく美しくそろったプログラムを書くようにしてください。

このように文句のないシンプルなプログラムですが、その分データもシンプルで、ちょっとものたりなさを感じます。プログラム本体はもうカンペキですから、あとはデータを目いっぱい入れるほうに力を注いで欲しいと思います。

画面の描き方もスタンダードなパターンとなっています。左の写真のように、まず白でトレスラインを描きあげます。

そして左下のように色ぬりを始めます。速度を気にする場合、TEXT画面をＯＦＦにすると目だって速くなります。あとは、黒で目のラインや輪かく線を入れ、色のぬり分けラインを消してできあがりです。

うる星やつら　ラム　プログラムリスト

```
10  ' ┌──────────────────┐  ┌──────────────────┐  ┌──────────────────┐
20  ' │      ILL.        │  │   LUM !!!        │  │                  │
30  ' └──┐            ┌──┘  │                  │  │                  │
40  '    │    コト    │     │ PART 1 , No.001  │  │                  │
50  '    │            │     │                  │  │ C. RUMIKO        │
60  '    │ Y.NAGAYAMA │     │  1984年 (S.59年) │  │     TAKAHASHI    │
70  ' ┌──┘            └──┐  │                  └─┐│                  └─┐
80  ' │    ノ ツクッタ   │  │      6月  3日      ││                    │
90  ' └──────────────────┘  └────────────────────┘└────────────────────┘
100  '             ========== ショキ セッテイ ==========
110   CLEAR:SCREEN 0,3:WIDTH 80,25:CONSOLE 0,25,0,1
120   FOR I=0 TO 7:COLOR=(I,I):NEXT I:COLOR 7,0,0,7:CLS 3:SCREEN ,0
130  '             ==========    メイン     ==========
140    *MAIN.
150     RESTORE
160     K=K+1
170       *READ.
180        READ X,Y
190         IF X<>Y OR X<999 AND X>7 THEN *LINE.
200         IF X<999 THEN 220
210         IF K=1 THEN *PAINT. ELSE *PSET.
220         IF K=1 THEN C=7 ELSE C=ABS(X)
230         IF C=6 THEN LS=30583 ELSE LS=-1
240         IF X<0 THEN *READ. ELSE *POINT.
250  '             ==========     LINE      ==========
260       *LINE.
270        LINE -(X,Y),C,,LS
280        GOTO *READ.
290  '             ==========    POINT      ==========
300    *POINT.
310     READ X,Y
320     POINT (X,Y)
330     GOTO *READ.
340  '             ==========    PAINT      ==========
350  *PAINT.
360  '             ==========     TILE      ==========
370   FOR I=1 TO 9
380    FOR J=0 TO 5
390     READ A
400   T$(I)=T$(I)+CHR$(A)
410    NEXT J
420   NEXT I
430  '             ==========   PAINTING    ==========
440   READ X,Y,C
450     IF X=999 THEN *MAIN.
460     IF C<1 THEN 490
470   PAINT(X,Y),T$(C),7
480    GOTO 440
490   PAINT(X,Y),ABS(C),7
500    GOTO 440
510  '             ==========     PSET      ==========
520  *PSET.
530   PSET(399,192),4
540   PSET(400,192),4
550                                END
560  '             ========== ライン デ゛ーター ==========
570  '             ==========    リンカク    ==========
580  DATA   0,  0,192,113,215,140,215,142,216,149,217,155,220,159,225,164
590  DATA 229,167,281,185,288,186,291,187,294,187,324,182,338,179,355,173
600  DATA 361,171,  0,  0
610  '             ==========      カミ      ==========
620  DATA 211,136,200,131,186,125,177,122,168,118,160,113,154,108,150,104
630  DATA 147,100,145, 95,144, 88,145, 82,146, 74,149, 68,152, 63,155, 58
640  DATA 159, 54,163, 50,171, 44,178, 40,185, 37,193, 34,203, 31,212, 29
650  DATA 223, 28,237, 28,249, 29,255, 30,  0,  0
660  DATA 251, 35,255, 30,261, 27,268, 24,277, 21,284, 19,297, 17,315, 16
670  DATA 322, 16,341, 17,353, 18,364, 20,375, 23,387, 28,398, 33,408, 38
680  DATA 417, 43,426, 49,436, 58,445, 66,453, 75,454, 84,455, 94,454,102
690  DATA 450,107,445,109,440,109,435,111,428,115,422,119,417,124,418,131
```

```
700  DATA 422,138,426,146,427,156,429,169,428,177,427,187,426,199,  0,  0
710  DATA 190,114,193,108,196,101,202, 94,208, 89,  0,  0
720  DATA 207, 81,208, 85,209, 92,214, 95,223, 99,225, 94,227, 90,230, 86
730  DATA 236, 82,242, 78,249, 75,  0,  0
740  DATA 250, 67,249, 71,250, 76,255, 82,259, 86,266, 89,275, 91,283, 92
750  DATA 289, 92,298, 91,291, 88,288, 85,287, 81,287, 74,291, 78,296, 80
760  DATA 304, 82,315, 85,329, 88,345, 91,357, 94,370, 98,383,103,395,109
770  DATA 406,115,416,123,  0,  0
780  DATA 399,112,401,122,402,128,402,133,401,140,400,147,397,154,394,161
790  DATA 389,167,386,173,382,180,377,187,374,194,375,199,  4,  4
800  DATA 408,118,409,124,410,132,411,140,412,151,411,159,408,165,405,171
810  DATA 401,177,398,183,395,188,393,194,403,189,406,188,398,194,396,199
820  DATA   4,  4
830  DATA 176,111,169,103,165, 96,162, 89,159, 81,159, 76,162, 79,162, 70
840  DATA 164, 63,168, 56,173, 50,181, 46,180, 51,185, 47,187, 44,192, 40
850  DATA 201, 37,209, 35,219, 34,226, 34,234, 36,243, 39,246, 43,246, 47
860  DATA 244, 52,239, 56,232, 61,226, 66,220, 70,215, 75,212, 77,210, 72
870  DATA 209, 65,204, 71,197, 78,192, 84,188, 90,184, 99,181,106,181,112
880  DATA 179,113,176,112,  4,  4
890  DATA 319, 23,331, 24,347, 26,363, 31,374, 36,383, 41,394, 47,406, 54
900  DATA 405, 47,401, 40,413, 48,417, 53,422, 59,425, 65,428, 71,426, 77
910  DATA 433, 69,437, 75,437, 80,436, 86,435, 91,431, 96,443, 86,446, 91
920  DATA 443, 96,436,101,428,106,422,108,416,100,408, 93,399, 88,386, 82
930  DATA 373, 76,360, 71,349, 67,343, 67,348, 73,354, 79,355, 82,354, 84
940  DATA 345, 82,333, 77,321, 73,308, 67,297, 60,291, 54,286, 48,285, 41
950  DATA 286, 36,289, 30,296, 26,306, 23,318, 23,  0,  0
960  DATA 233, 27,241, 22,251, 18,261, 14,276, 10,301,  6,334,  3,356,  2
970  DATA 391,  3,416,  6,434, 11,455, 18,471, 26,485, 35,493, 43,503, 54
980  DATA 517, 75,528, 99,538,130,541,150,542,170,541,180,539,192,536,199
990  DATA   4,  4
1000 DATA 316, 15,342, 10,369,  9,395, 11,418, 14,437, 20,451, 27,465, 34
1010 DATA 481, 45,494, 59,503, 71,512, 91,516,105,516,115,508,104,503,100
1020 DATA 495, 96,489, 95,484, 95,479, 98,477,106,476,117,477,127,480,135
1030 DATA 487,142,498,148,508,150,512,150,516,146,520,140,521,130,526,139
1040 DATA 528,148,529,156,530,165,531,183,530,194,526,199,  0,  0
1050 DATA 188,127,144,150,106,169, 80,184, 69,192, 65,199,  4,  4
1060 DATA 198,132,148,159,131,171,117,181,105,192,120,186,137,179,141,178
1070 DATA 144,178,145,181,144,188,141,194,137,199,  0,  0
1080 DATA 225,166,206,177,198,185,193,191,191,195,192,199,  4,  4
1090 DATA 238,171,219,182,213,188,210,193,210,197,211,199,  0,  0
1100 '           ========    ツノ    ========
1110 DATA 390, 29,422, 24,427, 25,429, 28,431, 32,425, 47,  0,  0
1120 DATA 417, 26,420, 29,424, 31,428, 34,  0,  0
1130 DATA 405, 27,409, 33,415, 36,427, 39,  0,  0
1140 '           ========    フク    ========
1150 DATA  258,178,242,189,235,194,230,199,  0,  0
1160 DATA 268,182,255,188,249,192,246,196,247,199,  0,  0
1170 DATA 278,185,268,188,264,190,264,192,267,199,  0,  0
1180 DATA 312,185,320,192,325,197,326,199,  0,  0
1190 DATA 321,195,312,199,  0,  0
1200 DATA 429,161,433,163,433,165,430,168,  0,  0
1210 DATA 429,160,436,163,440,167,438,189,428,194,  0,  0
1220 DATA 439,189,470,199,  0,  0
1230 '           ========    ミミ    ========
1240 DATA 447,110,448,116,447,124,445,132,442,139,437,145,432,149,428,150
1250 DATA   0,  0
1260 DATA 419,129,427,123,429,120,432,118,435,118,438,120,  0,  0
1270 DATA 429,123,432,123,434,127,432,131,430,135,425,140,  0,  0
1280 '           ========  ヒダリ メ  ========
1290 DATA 214,119,220,118,225,118,247,124,251,127,255,135,255,140,254,142
1300 DATA 249,144,241,144,233,143, -6, -6
1310 DATA 226,139,218,130,215,124,214,119,  0,  0
1320 DATA 214,119,217,116,222,115,229,116,246,123,  0,  0
1330 DATA 247,125,240,128,239,132,239,136,242,140,248,143,  0,  0
1340 DATA 247,133,246,134,246,136,247,139,249,140,250,140,251,137,251,134
1350 DATA 250,133,248,133,  0,  0
1360 DATA 251,129,249,128,247,129,247,131,250,132,253,131,  0,  0
1370 DATA 214,120,212,115,216,113,221,112,234,114,240,118, -6, -6
1380 DATA 248,124,  0,  0
1390 DATA 213,121,202,120,  0,  0
1400 DATA 211,118,199,116,  0,  0
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リスト続く

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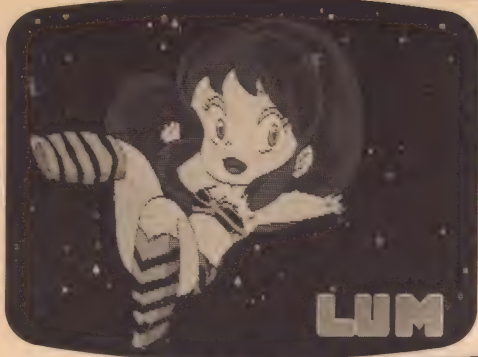
1410 DATA 212,115,202,111,  0,  0
1420 DATA 201,104,209,103,215,103,223,104,226,103,223,102,217,101,210,101
1430 DATA 202,104,  0,  0
1440 '                  ════════════   ミキ゛ メ   ════════════
1450 DATA 316,118,340,109,347,108,352,108,363,110,373,113,375,114, -6, -6
1460 DATA 375,114,376,118,375,124,373,131,368,134,  0,  0
1470 DATA 368,134,356,137,343,138,335,139,327,137,320,132,318,127,316,122
1480 DATA 317,118,322,113,335,106,343,104,351,103,356,103,365,105,371,108
1490 DATA 375,114,  0,  0
1500 DATA 318,129,323,124,327,121,333,120,337,121,341,124,344,127,345,130
1510 DATA 344,133,341,138,  0,  0
1520 DATA 331,127,334,127,337,129,336,132,335,134,332,135,328,134,327,131
1530 DATA 328,128,331,127,333,127,  0,  0
1540 DATA 342,125,338,125,336,126,338,128,339,129,345,128,  0,  0
1550 DATA 357,103,347,102,332,103,326,106,315,114, -6, -6
1560 DATA 315,114,315,118,  0,  0
1570 DATA 373,110,383,108,  0,  0
1580 DATA 369,106,379,103,  0,  0
1590 DATA 361,103,365,101,367, 98,  0,  0
1600 DATA 299, 96,306, 93,313, 92,336, 93,321, 94,312, 95,307, 98,302, 98
1610 DATA 297, 97,  0,  0
1620 '                  ════════════   ハナ   ════════════
1630 DATA 258,147,254,148,256,151,264,155,269,159,  6,  6
1640 DATA 263,154,279,155,283,156,279,158,274,159,270,159,  0,  0
1650 '                  ════════════   クチ   ════════════
1660 DATA 282,166,289,167,303,166,306,165,  0,  0
1670 DATA 293,173,297,173, 6, 6
1680 '                  ════════════ キョウカイ セン ════════════
1690 DATA 289, 93,296,101,306,107,316,112,  6,  6
1700 DATA 357,138,365,141,368,146,369,150,369,156,367,162,364,168,361,171
1710 DATA   6,  6
1720 DATA 319,190,330,191,342,190,359,187,375,189,  7,  7
1730 DATA 292,188,283,192,282,194,285,199,  7,  7
1740 DATA 259,187,264,189,999,999
1750 '                  ════════════   タイル   ════════════
1760 DATA  73,255,187,148,255,238      :'P$(1)
1770 DATA 255,187,255,255,238,255      :'P$(2)
1780 DATA  64,  0, 85,  4,  0,170      :'P$(3)
1790 DATA   0,  0,187,  0,  0,238      :'P$(4)
1800 DATA   0,255, 68,  0,255, 17      :'P$(5)
1810 DATA 255, 68,187,255, 17,238      :'P$(6)
1820 DATA 255, 68,255,255, 17,255      :'P$(7)
1830 DATA  68,255,187, 17,255,238      :'P$(8)
1840 DATA 255,  0, 68,255,  0, 17      :'P$(9)
1850 '                  ════════════   ヘ゜イント   ════════════
1860 DATA 261,102,  1,350,196,  1,441,116,  1,425,130,  1,258,195, -7
1870 DATA 273,195, -7,293,194,  2,271,185,  2,435,185,  2,430,164,  2
1880 DATA 399, 80,  3,217, 53,  3,199,157,  3,222,191,  3,470, 75,  3
1890 DATA 404,159,  3,276, 57,  4,276, 17,  4, 98,186,  4,205,186,  4
1900 DATA 414,182,  4,404, 32, -6,413, 32, -6,243,193,  5
1910 DATA 361,119, -7,224,124, -7,250,130, -7,341,127, -7,325,127, -5
1920 DATA 243,129, -5,233,116,  6,233,116,  7,324,109,  7,321, 99,  8
1930 DATA 370,103,  8,378,106,  8,271,157,  8,321,198,  8, 46,199,  9
1940 DATA 999,999,999
1950 '┌──────────────────────────────────────────┐
1960 '│                                          │
1970 '│ ハシ゛メテ ツクッタ ラムチャン ノ C.G.   └────────────────────────────────┐
1980 '│                                                                            │
1990 '│ フ゜ロク゛ラム ヲ ツクルノニ 7日 クライ カカッテ シマッタ。  エ ダ゛ケナラ 2時カン ク゛ライテ゛ テ゛キタヨ。 │
2000 '└────────────────────────────────────────────────────────────────────────────┘
```

うる星やつら
ビューティフル　ドリーマー
ラム

PC—8801/mkII

大野純司

3頭身のかわゆいラムちゃんを描こう！

今回のCGには「ビューティフルドリーマー」の中のカットが非常に多く集まりましたが、この元絵は映画の1シーンではなく、パンフレットに出ていたカットを引用しています。題材探しもたいへんなようですね。

プログラムはスタンダードなパターンのもので、データ部と本体がきっちり分かれています。

また、タイルの色と色のさかい目を消すところに苦心したとのことで、そのかいあって、とてもかわいらしいラムちゃんが描けています。↗

↗プログラムの流れとして、まず乱数で星の位置と大きさを変えて200個描いています。それが終わったあと、ラムちゃんの輪かくを描きはじめます。右の写真がちょうどその↙

↙ところ。

中央の写真はその途中ですが、ちょうどブラを描く寸前です。当然のことですが、この後ちゃんとブラを描いてしまいます。

トレスラインを白で描き終わったあと、着色に入りますが、このとき境界色を白にしておきます。さきほど、バックの星は白以外の色で描いたので、↗

↗こうするとペイント時に星がうまくぬりつぶせます。

こうして左のようにできあがり。愛くるしい3頭身のラムちゃんがにっこりとほほえんでくれているでしょう。

絵のセンスとしては文句なく、宇宙空間の感じが出てとてもきれいです。バックの星をただのドットにせずにサークルで描かせたこともGoodです。1ドットだと小さすぎてバックにはもの足りなくなってしまったでしょう。

ところで、PC—8801のCIRCLEは半径が2のとき、なんと四角い円を描いてしまいます。使用するときは注意してください。

作者のプロフィール

「最近CGの技術がアップしてすご～くびっくりしている今日このごろです。このプログラムを作るきっかけは、映画『ビューティフル　ドリーマー』を見たからです。

それとPC-8801mkIIのV-RAMにラムちゃんのデータを入れてやりたいな～…と思ったからです。自分として自慢できる点はラインが細かいことではないでしょうか。最後にPC—8801はとてもよいコンピュータだと思います」

うる星やつら　ビューティフルドリーマー　ラム　プログラムリスト

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100 '  ┌──────────────────────────────────────────┐
105 '  |                                          |
110 '  |  Beautiful Dreamer LUM. for  PC-8801/mk2 |
115 '  |                                          |
120 '  |          Program by  Junji Ohno.         |
125 '  |                                          |
130 '  |             June.  1984.                 |
135 '  └──────────────────────────────────────────┘
140 '
145 *LUM.MAIN
150 CONSOLE 0,25,0,1:WIDTH 80,25:OUT 104,0:SCREEN 0,2:CLS 3:SCREEN 0,0
155 GOSUB *CIR.RND:S=&HFFFF:C=7:GOSUB *PSET.SET:RESTORE *BLACK.DATA1
160 C=7:GOSUB *BLACK.PAINT:GOSUB *SHADE.LINE:RESTORE *LUM.PAINT.DATA
165 GOSUB *LUM.TILE.READ:C=0:RESTORE *LUM.H.M.E.N:GOSUB *PSET.SET
170 RESTORE *CIR.DATA:GOSUB *CIR:GOSUB *CL.LINE:S=&HFFFF:C=7:RESTORE *LUM.Q
175 GOSUB *PSET.SET:RESTORE *LUM.BR:C=0:GOSUB *PSET.SET
180 RESTORE *LUM.PAINT.DATA2:C=0:GOSUB *LUM.TILE.READ:RESTORE *LUM.PAINT.DATA3
185 C=7:GOSUB *LUM.TILE.READ:C=0:RESTORE *BLACK.DATA2:GOSUB *BLACK.PAINT
190 RESTORE *LUM.BU.CL.DATA:GOSUB *PSET.SET:RESTORE *LUM.LUM:C=7
195 GOSUB *PSET.SET:RESTORE *LUM.PAINT.DATA4:GOSUB *LUM.TILE.READ
200 WIDTH 80,25:END
205 *SHADE.LINE
210 RESTORE *LUM.H.SHADE:GOSUB *PSET.SET
215 RESTORE *LUM.B.SHADE:GOSUB *PSET.SET
220 RESTORE *LUM.BO.SHADE:GOSUB *PSET.SET
225 RESTORE *LUM.EY.SHADE:GOSUB *PSET.SET
230 RETURN
235 *CL.LINE
240 RESTORE *LUM.H.SHADE:C=4:GOSUB *PSET.SET
245 RESTORE *LUM.B.SHADE:C=6:GOSUB *PSET.SET
250 RESTORE *LUM.BO.SHADE:C=6:S=&H5555:GOSUB *PSET.SET
255 RETURN
260 *PSET.SET
265 READ X,Y:IF X=-999 AND Y=-999 THEN RETURN
270 PSET(X,Y)
275 *LINE.WRITE
280 READ X,Y:IF X=0 AND Y=0 THEN GOTO *PSET.SET
285 LINE-(X,Y),C,,S
290 GOTO *LINE.WRITE
295 *BLACK.PAINT
300 READ X,Y:IF X=-9 AND Y=-9 THEN RETURN
305 PAINT(X,Y),0,C
310 GOTO *BLACK.PAINT
315 *CIR
320 READ X,Y,H,C:IF X=-88 AND Y=-88 AND H=-88 AND C-88 THEN RETURN
325 CIRCLE (X,Y),H,C
330 GOTO *CIR
335 *CIR.RND
340 FOR I=1 TO 200
345  X=RND*639
350  Y=RND*199
355  R=RND*3
360  C=INT(RND*6+1)
365  CIRCLE(X,Y),R,C
370  PAINT(X,Y),C
375 NEXT:RETURN
380 *LUM.H.M.E.N
385-DATA 327,14,345,10,368,8,384,8,408,10,429,14,447,20,456,25
390 DATA 467,33,473,40,478,49,482,60,483,72,482,82,478,90,471,98
395 DATA 463,105,453,111,0,0,349,18,345,16,336,14,323,13,309,15,299,17
400 DATA 291,19,283,22,272,27,266,32,263,36,261,41,260,47,262,54,266,58
405 DATA 271,61,278,65,290,69,0,0,279,61,284,63,290,68,294,73,294,77
410 DATA 291,82,290,86,291,91,296,96,302,99,309,102,319,104,332,105
415 DATA 348,105,0,0,279,62,278,60,280,55,282,52,288,46,295,43,298,43
420 DATA 0,0,302,36,299,39,298,43,301,48,305,51,313,53,316,54,315,50
425 DATA 316,47,321,42,327,39,330,38,330,40,332,44,336,47,344,51,349,53
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430 DATA 354,54,358,54,356,51,356,48,358,44,364,50,370,54,375,58,381,60
435 DATA 390,64,396,70,399,74,402,78,405,81,401,85,398,88,394,90,388,93
440 DATA 379,96,370,98,361,100,353,102,348,105,343,108,340,111,338,114
445 DATA 345,110,349,109,345,113,345,116,350,120,353,120,364,118
450 DATA 377,114,389,108,395,104,398,101,401,96,403,92,404,88,412,83
455 DATA 420,79,426,75,430,71,433,67,436,61,437,55,436,49,432,44,429,40
460 DATA 421,32,415,28,407,24,397,20,381,16,371,15,359,16,349,18
465 DATA 0,0,294,73,291,76,287,77,275,77,253,80,244,83,238,86,236,89
470 DATA 243,88,238,92,238,95,240,99,245,102,249,102,250,100,257,96
475 DATA 267,93,280,88,290,84,0,0,180,76,176,71,176,68,180,62,186,56
480 DATA 194,52,185,54,178,58,183,53,189,48,201,44,212,42,228,41,242,42
485 DATA 260,47,0,0,244,106,258,112,269,117,276,119,280,120,0,0,349,132
490 DATA 371,132,392,130,410,126,417,124,0,0,298,64,299,62,303,59
495 DATA 305,59,311,60,316,62,320,66,0,0,358,70,367,66,374,64,378,64
500 DATA 383,66,387,70,389,73,0,0,301,75,303,79,306,80,310,81
505 DATA 0,0,360,85,363,86,375,84,0,0,314,67,311,68,309,71,309,74
510 DATA 310,76,313,78,315,78,318,75,319,72,318,69,314,67,0,0,377,70
515 DATA 373,72,372,74,370,78,371,81,374,82,379,81,381,79,383,76,383,74
520 DATA 382,71,377,70,0,0,314,70,313,72,313,74,314,75,315,73,315,71
525 DATA 314,70,0,0,379,73,377,74,376,76,377,78,379,76,379,74
530 DATA 0,0,319,84,320,81,322,80,327,81,0,0,317,90,324,89,330,89
535 DATA 341,92,346,94,341,97,336,98,329,98,323,97,319,94,316,90
540 DATA 0,0,321,96,327,94,331,94,340,97,0,0,299,62,300,58,303,56
545 DATA 308,55,311,55,317,58,320,62,320,66,0,0,358,70,363,64,367,62
550 DATA 373,61,379,61,386,64,390,69,391,73,391,74,389,73,0,0,301,57
555 DATA 298,56,296,54,0,0,299,60,295,59,293,57,0,0,298,62,295,62
560 DATA 292,61,0,0,382,65,386,64,391,62,0,0,385,67,391,66,393,65
565 DATA 0,0,388,71,392,70,397,68,0,0,298,51,301,48,304,48,309,50
570 DATA 0,0,353,51,358,51,365,53,0,0
575 *LUM.B
580 DATA 248,112,243,105,238,99,229,91,219,85,207,81,193,78,184,76
585 DATA 169,75,150,74,136,74,109,76,100,77,96,76,93,76,89,78,90,81
590 DATA 94,87,100,95,106,99,113,103,116,102,139,104,163,105,201,101
595 DATA 0,0,189,102,191,132,193,139,196,145,200,149,205,152,211,155
600 DATA 0,0,248,112,243,112,234,113,229,115,224,118,220,122,217,128
605 DATA 213,140,211,150,210,168,211,181,211,190,209,192,209,194
610 DATA 214,196,226,195,234,193,243,190,248,187,253,182,258,174
615 DATA 264,163,266,150,266,142,265,136,263,129,264,125,0,0,247,112
620 DATA 258,114,265,117,274,123,281,130,287,138,289,147,289,154
625 DATA 285,160,279,164,271,166,262,167,0,0,275,124,281,121,280,118
630 DATA 280,116,282,112,285,110,290,108,299,107,309,106,309,104
635 DATA 0,0,284,111,278,109,273,107,267,103,260,95,0,0,249,82,247,79
640 DATA 244,79,243,78,244,76,244,74,245,73,248,73,247,72,248,70,250,70
645 DATA 253,71,255,68,258,68,261,70,0,0,254,76,254,75,257,73,261,70
650 DATA 263,69,265,69,265,71,265,75,266,77,0,0,265,75,269,76,273,77
655 DATA 275,78,0,0,329,105,326,107,0,0,389,109,403,108,421,110,435,112
660 DATA 443,110,447,109,448,110,445,113,446,114,444,116,439,117
665 DATA 0,0,445,112,451,111,454,110,456,110,457,112,451,115,458,115
670 DATA 460,116,460,117,455,117,459,118,460,119,458,120,452,119
675 DATA 457,121,454,122,446,121,425,124,405,126,386,127,359,128
680 DATA 349,133,339,136,330,138,323,141,316,145,312,149,309,152
685 DATA 310,154,306,157,299,161,296,162,301,162,289,165,280,167
690 DATA 272,166,0,0,288,142,294,144,303,148,310,152,0,0,217,129
695 DATA 223,131,228,135,229,137,236,134,239,134,236,136,245,133
700 DATA 253,133,265,136,0,0,200,101,203,96,203,90,199,85,185,76
705 DATA 0,0,176,76,184,80,190,86,193,90,193,93,190,99,184,103
710 DATA 0,0,181,103,186,96,187,91,186,88,180,84,173,80,167,75
715 DATA 0,0,148,75,154,79,161,83,166,87,170,91,173,96,173,100,171,104
720 DATA 0,0,164,105,167,101,165,96,161,91,158,87,155,85,152,82,147,78
725 DATA 141,74,0,0,129,75,134,79,141,84,146,90,150,94,153,98,152,105
730 DATA 0,0,146,104,146,99,143,93,136,88,132,84,130,81,124,75
735 DATA 0,0,107,76,114,80,120,84,127,89,130,94,132,100,133,104
740 DATA 0,0,125,103,125,97,123,92,119,86,116,83,112,80,104,77
745 DATA 0,0,214,139,223,148,229,146,230,147,247,144,257,142,263,140,265,141
750 DATA 0,0,265,146,234,150,221,153,218,150,213,145,0,0,211,154
755 DATA 215,157,220,160,252,156,259,154,266,151,0,0,265,158,233,163
760 DATA 220,165,210,162,0,0,210,167,223,172,263,165,0,0,260,170
765 DATA 234,174,221,176,210,173,0,0,212,178,218,183,221,183,223,181
770 DATA 232,182,256,177,0,0,255,179,223,187,219,188,211,185
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775 DATA 0,0,94,87,98,81,101,81,105,84,109,90,113,97
780 DATA 0,0,293,144,297,147,299,150,301,155,305,149,0,0,297,162
785 DATA 297,155,295,151,289,149,0,0,287,158,290,162,292,164
790 DATA 0,0,284,161,281,167,0,0,345,129,348,126,348,124,352,124
795 DATA 355,123,0,0,321,112,315,113,311,115,309,117
800 *LUM.T.E
805 DATA 0,0,418,30,431,29,434,30,434,31,431,36,428,39,0,0,425,30
810 DATA 428,32,432,34,0,0,414,83,418,81,420,81,422,83,423,86,423,89
815 DATA 422,92,417,96,411,99,405,101,403,101,400,100,0,0,402,96
820 DATA 406,95,410,95,412,92,412,91,411,89,0,0,407,91,411,89,414,87
825 DATA 417,86,0,0
830 *LUM.Q
835 DATA 309,117,307,121,308,124,311,127,316,129,325,131,332,131
840 DATA 339,130,343,129,0,0,-999,-999
845 *LUM.H.SHADE
850 DATA 342,15,358,13,370,12,382,12,408,15,430,21,443,28,449,33
855 DATA 455,40,458,47,461,55,461,59,459,58,456,58,452,60,448,65
860 DATA 445,71,444,77,444,81,445,83,449,84,456,83,460,81,458,86
865 DATA 455,90,451,93,448,95,453,94,450,97,445,101,435,106,424,109
870 DATA 422,109,0,0,262,50,252,49,244,48,238,48,219,51,211,54,206,57
875 DATA 201,61,200,64,207,62,205,66,203,71,203,74,207,80,209,81
880 DATA 0,0,362,21,359,23,358,26,360,33,365,39,374,46,387,54,391,56
885 DATA 392,51,392,45,398,50,403,56,406,64,407,73,407,79,413,75
890 DATA 421,70,425,67,429,62,429,60,423,62,427,57,429,53,429,49
895 DATA 427,51,420,55,425,49,425,46,424,40,421,38,419,42,417,43
900 DATA 414,35,409,29,404,26,398,23,401,32,396,28,390,23,384,21
905 DATA 377,19,370,19,362,21,0,0,319,24,312,26,298,30,290,33,286,36
910 DATA 286,33,281,36,276,41,273,46,273,49,275,56,269,51,267,46
915 DATA 268,41,271,35,275,32,281,28,275,29,284,24,295,20,308,17
920 DATA 318,16,324,16,330,18,331,20,327,22,319,24,0,0,404,87,399,90
925 DATA 390,94,380,97,368,100,362,102,370,102,364,105,360,108,356,111
930 DATA 353,115,353,119,0,0,294,76,291,78,282,79,273,80,263,81,254,83
935 DATA 250,86,257,85,253,88,250,91,248,95,248,98,251,102,0,0,248,103
940 DATA 253,105,259,108,266,110,273,112,280,113,0,0,-999,-999
945 *LUM.B.SHADE
950 DATA 111,94,114,96,119,97,153,98,185,97,203,96,0,0,253,134
955 DATA 251,147,249,162,247,167,243,172,237,178,231,183,224,189
960 DATA 220,192,219,193,220,195,224,196,0,0,-999,-999
965 *LUM.BO.SHADE
970 DATA 262,70,259,72,256,74,255,76,257,78,258,79,0,0,292,90
975 DATA 285,91,280,94,279,96,280,98,283,100,288,102,296,104,306,105
980 DATA 310,105,0,0,320,103,325,107,0,0,330,104,338,107,342,111
985 DATA 0,0,404,108,397,110,389,112,382,115,382,116,384,118,391,119
990 DATA 403,119,433,116,440,114,446,113,448,113,452,115,452,116
995 DATA 452,118,448,120,0,0,202,95,206,96,208,98,210,103,214,108
1000 DATA 218,111,223,114,228,116,0,0,252,134,253,128,254,125,256,123
1005 DATA 260,122,262,122,269,124,275,129,283,138,287,149,288,160
1010 DATA 0,0,347,116,344,120,340,123,332,126,326,127,321,127,325,128
1015 DATA 325,130,321,133,316,137,311,140,307,144,302,148,0,0,358,54
1020 DATA 358,56,360,59,364,62,367,63,0,0,374,85,376,87,377,90,376,93
1025 DATA 373,96,369,98,0,0,-999,-999
1030 *LUM.EY.SHADE
1035 DATA 299,65,298,68,298,70,299,73,302,76,0,0,321,67,321,70
1040 DATA 320,74,318,77,315,80,311,81,0,0,360,69,357,72,356,76,357,81
1045 DATA 360,84,362,86,0,0,375,84,383,82,386,80,389,77,390,74,390,72
1050 DATA 0,0,-999,-999
1055 *LUM.TILE.READ
1060 READ C$
1065 TILE$=""
1070 FOR I=1 TO LEN(C$) STEP 2
1075  TILE=VAL("&H"+MID$(C$,I,2))
1080  TILE$=TILE$+CHR$(TILE)
1085 NEXT
1090 *LUM.TILE.PAINT
1095 READ X,Y
1100 IF X=0 AND Y=0 THEN *LUM.TILE.READ ELSE IF X=-99 AND Y=-99 THEN RETURN
1105 PAINT(X,Y),TILE$,C
1110 GOTO *LUM.TILE.PAINT
1115 *LUM.PAINT.DATA
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1120 DATA 55FFFFAAFFFF,   330,50,260,75,295,100,400,115,300,115,230,110,230,130,
                          453,112,454,116,453,121,0,0
1125 DATA 55FF55AAFFAA,   370,58,385,85,420,85,325,106,340,107,340,126,200,126,
                          270,130,250,75,280,90,391,68,0,0
1130 DATA 0000FF0000FF,   200,50,350,30,450,30,390,100,270,115,245,100,300,18,
                          385,128,0,0
1135 DATA 0000AA000055,   290,30,390,30,440,30,353,110,260,90,230,70,255,100,
                          0,0
1140 DATA 00FFFF00FFFF,   200,90,180,90,150,90,130,90,120,90,230,140,230,155,
                          230,167,230,178,220,190,0,0
1145 DATA 00AAAA005555,   198,99,180,100,160,101,135,101,120,100,261,139,
                          260,150,261,161,257,173,248,185,301,157,286,162,
                          427,35,427,30,0,0
1150 DATA FF55AAFFAA55,   310,58,380,63,385,66,388,69,0,0
1155 DATA FFFFFFFFFFFF,   305,75,360,75,0,0
1160 DATA FF0000FF0000,   312,75,373,75,0,0
1165 DATA 00AA00005500,   340,95,0,0
1170 DATA 00FF0000FF00,   330,96,-99,-99
1175 *LUM.BR
1180 DATA 297,107,301,109,303,112,303,114,306,112,312,116,320,115
1185 DATA 327,116,335,118,329,118,333,120,336,122,340,125,341,128
1190 DATA 342,132,342,136,0,0,330,138,326,133,317,128,309,124,302,122
1195 DATA 292,121,280,121,0,0,282,112,287,114,293,116,299,118,303,118
1200 DATA 293,118,286,117,280,116,0,0,285,110,291,113,297,114,301,115
1205 DATA 300,112,296,110,293,108,0,0,308,121,314,123,320,125,327,129
1210 DATA 332,131,340,133,331,132,321,130,0,0,308,123,308,121
1215 DATA 0,0,313,118,323,119,328,120,332,122,335,124,340,126
1220 DATA 0,0,342,129,338,129,332,127,325,124,320,121,314,118,0,0,-999,-999
1225 *LUM.PAINT.DATA2
1230 DATA 00FFFF00FFFF,   309,118,300,110,-99,-99
1235 *LUM.PAINT.DATA3
1240 DATA FFFFFFFFFFFF,   313,70,376,73,-99,-99
1245 *BLACK.DATA1
1250 DATA 230,149,252,159,230,173,250,179,-9,-9
1255 *BLACK.DATA2
1260 DATA 295,111,290,116,322,120,322,128,-9,-9
1265 *CIR.DATA
1270 DATA 313,70,2,7,376,73,2,7,-88,-88,-88,-88
1275 *LUM.BU.CL.DATA
1280 DATA 191,97,185,97,0,0,173,97,166,98,0,0,154,98,145,98
1285 DATA 0,0,131,97,124,97,0,0,251,143,251,148,0,0,250,156,249,161
1290 DATA 0,0,247,167,242,173,0,0,233,182,227,187,0,0,-999,-999
1295 *LUM.LUM
1300 DATA 429,166,429,186,430,187,433,188,469,188,472,187,473,186
1305 DATA 473,181,471,180,469,179,450,179,448,178,448,166,446,165
1310 DATA 432,165,429,166,0,0,473,166,473,186,475,187,478,188,508,188
1315 DATA 510,187,511,186,511,166,510,165,496,165,495,166,495,179
1320 DATA 493,180,492,180,490,179,490,166,488,165,476,165,473,166
1325 DATA 0,0,520,166,520,187,521,188,537,188,538,187,538,179,545,183
1330 DATA 547,184,554,179,554,187,555,188,572,188,573,187,573,166
1335 DATA 571,165,557,165,556,166,547,170,537,165,523,165,520,166
1340 DATA 0,0,-999,-999
1345 *LUM.PAINT.DATA4
1350 DATA 22FF2288FF88,  440,180,480,180,545,180,-99,-99
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うる星やつら ビューティフル・ドリーマー
口づけ

PC—8801/mkII

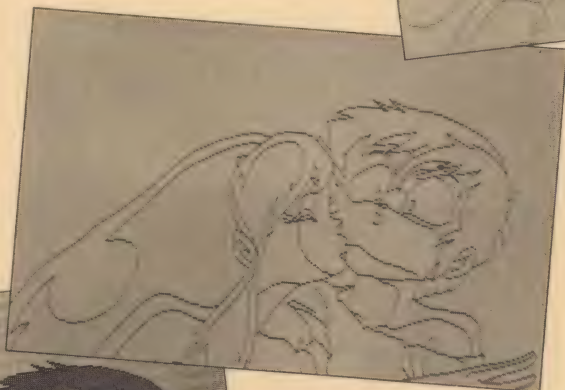
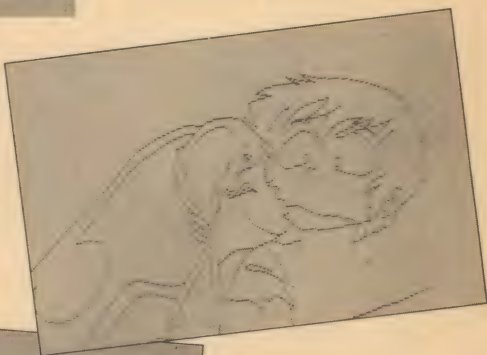
木戸正泰

ラムのキッスでタジタジあたる!!

「ビューティフルドリーマー」の中の絵です。この別冊の中の長山裕君の作品も元絵は同じなんですよ。

この作品では横長の絵に横ジマのバックで処理されています。それによって、とても動きが感じられるのですが、よけい、横に長く見える絵となってしまいました。あたるのタジタジの雰囲気を見ると、縦ジマのバックのほうが、全体的なバランスがとれていてよかったように思うのですが、どうでしょうか？

全体的なプログラムは洗練されたものであり、キレイにまとめてあります。

▼ラムちゃんは、目を大きく見開いて、笑顔でキッスしているところを描いてほしかった。また、バストアップにするのだったら、もっと画面の上いっぱいまで、人物を描いたほうがよいでしょう!!

せっかく、ラムの甘いキスなんだから、もっと可愛いかったらなあ！　表情がいまひとつ。髪形でラムとわかるけど顔だけ見ると誰だかよくわかりにくい。あたるの表情はいいところを描こうとしているのだけど、いまいち固いですね、楽に作ろうよ。

▲あたるの表情がなんともいえずおかしいね。この構図だったら、手はいらなかったように思うのですが!!

いまのままだと、右下にある手がなぜかアンバランスで、なんだかよくわかりません。

それから、くどいようですが、ラムちゃんは、やっぱり体を描かなくっちゃ!!　少なくとも胸だけは全部描いてほしかった。

バックの面積が広すぎるんだよね。キャラクーが小さいし、背景のパターンも細かいので多少うるさくなりすぎました。次回はもっと、構図の研究をして下さい。同じものでも構図次第でもっとインパクトのある画面ができるはずです。どうせ作るならかわいいラムちゃんにしようよ。マニアックに！

作者のプロフィール

「このCGを作るのに苦労した点工夫した点は、中間色どうしの境界線の消し方などです」

やはり、みんなCGを描くときに、中間色どうしの境界線の消し方etcに苦労し、うまく処理しようといろいろ工夫をしているようですね!!

……17才の木戸君でした。

うる星やつら ビューティフル・ドリーマー ロゴけ プログラムリスト

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100 '
110 '----- ショキ セッテイ
120 '
130 CONSOLE 0,25,0,1:SCREEN 0,0:COLOR 2,7:CLS 3:COLOR 3,0
140 FOR I=0 TO 7:COLOR=(I,I):NEXT I
150 WINDOW(0,0)-(639,199):RESTORE
160 READ S$:IF S$="0" THEN 180 ELSE S=VAL(S$):ON S GOSUB 310,370,430,480,550
170 GOTO 160
180 RESTORE  980:C1=4:C2=4:GOSUB 370
190 RESTORE 1140:C1=6:C2=7:GOSUB 370
200 RESTORE 1220:C1=6:C2=7:GOSUB 370
210 RESTORE 1890:C1=7:C2=7:GOSUB 370
220 RESTORE 1940:C1=2:C2=0:GOSUB 370
230 RESTORE 1990:C1=6:C2=3:GOSUB 370
240 RESTORE 2100:C1=5:C2=0:GOSUB 370
250 CIRCLE(424,93),1.5,7:PAINT(424,93),7,7:CIRCLE(424,93),1.5,0
260 CIRCLE(462,97),1.5,7:PAINT(462,97),7,7:CIRCLE(462,97),1.5,0
270 END
280 '
290 '----- LINE SUB
300 '
310 READ C
320 READ X,Y:IF X=999 AND Y=999 THEN RETURN ELSE PSET (X,Y),C
330 READ X,Y:IF X=-1  AND Y=-1  THEN 320    ELSE LINE-(X,Y),C:GOTO 330
340 '
350 '----- LINE SUB 2
360 '
370 READ X,Y:X1=X:Y1=Y:IF X=999 AND Y=999 THEN RETURN ELSE PSET (X,Y),C1
380 READ X,Y:IF X=-1 AND Y=-1 THEN 370 ELSE LINE-(X,Y),C1,,&HAAAA
390 PSET(X1,Y1),C2:LINE-(X,Y),C2,,&H5555:X1=X:Y1=Y:GOTO 380
400 '
410 '----- PAINT SUB
420 '
430 READ C
440 READ X,Y,C3:IF X=999 AND Y=999 THEN RETURN ELSE PAINT(X,Y),C3,C:GOTO 440
450 '
460 '----- TILE PAINT SUB
470 '
480 READ C,B1$,R1$,G1$,B2$,R2$,G2$
490 B1=VAL("&H"+B1$):R1=VAL("&H"+R1$):G1=VAL("&H"+G1$)
500 B2=VAL("&H"+B2$):R2=VAL("&H"+R2$):G2=VAL("&H"+G2$)
510 TILE$=CHR$(B1)+CHR$(R1)+CHR$(G1)+CHR$(B2)+CHR$(R2)+CHR$(G2)
520 READ X,Y:IF X=999 AND Y=999 THEN RETURN ELSE PAINT(X,Y),TILE$,C:GOTO 520
530 '
540 '----- BACK TILLING SUB
550 TILE$=""
560 FOR I=1 TO 8
570 READ B$,R$,G$
580 B=VAL("&H"+B$):R=VAL("&H"+R$):G=VAL("&H"+G$)
590 TILE$=TILE$+CHR$(B)+CHR$(R)+CHR$(G)
600 NEXT
610 READ C,X,Y:IF X=999 AND Y=999 THEN RETURN ELSE PAINT(X,Y),TILE$,C:GOTO 610
620 '----- LUM LINE DATA 1
630 DATA 1,0
640 DATA   0,191,  9,181, 23,169, 49,151, 60,146, 77,139, 98,131,115,123
650 DATA 139,114,183, 95,201, 85,216, 79,239, 73,262, 69,280, 67,301, 68
660 DATA  -1, -1,237,192,233,188,233,184,237,177,232,181,228,188,228,182
670 DATA 232,175,240,169,258,158,275,148,284,141,290,135,293,129,293,128
680 DATA  -1, -1,277,120,267,113,259,104,257, 99,257, 95,260, 90,273, 80
690 DATA 285, 74,301, 68,307, 66,320, 65,335, 65,345, 66,355, 70,370, 78
700 DATA 371, 82,369, 87,364, 92,359, 95,352, 97,356, 93,357, 88,355, 84
710 DATA 351, 81,350, 85,337, 97,325,105,312,113,306,118,304,121,311,118
720 DATA 304,124,300,133,298,140,299,150,300,164,299,174,297,184,295,189
730 DATA 292,194,288,199,291,194,293,185,288,194,283,199, -1, -1,370, 78
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740 DATA 380, 83,384, 87,386, 89,385, 92,383, 90,381, 88,382, 92,381, 95
750 DATA 378, 98,370,102, -1, -1,347, 88,351, 88,357, 89, -1, -1,347, 88
760 DATA 351, 90,356, 92, -1, -1,367, 89,370, 96,370,105,371,107,373,108
770 DATA 379,109,384,109,386,110,385,114,386,117,393,119,391,122,394,125
780 DATA 394,126,392,128,394,132,393,134,390,136,375,140,362,142,348,144
790 DATA 340,146,330,151,322,156,313,162,299,174, -1, -1,353, 96,349, 96
800 DATA 341, 98,336,101,332,105,331,107, -1, -1,354, 99,355,103,355,105
810 DATA  -1, -1,327,113,338,108,343,105,349,105,354,107,355,108,354,109
820 DATA  -1, -1,322,113,327,113,334,112,342,109,346,108,349,108,359,111
830 DATA 349,110,327,113, -1, -1,333,112,320,111, -1, -1,335,110,320,108
840 DATA  -1, -1,371,106,374,106,382,104, -1, -1,255,159,248,160,243,160
850 DATA 228,159,209,156,200,155,192,155,186,156,177,159,164,165,144,176
860 DATA 127,187,110,199, -1, -1,287,138,278,136,273,134,269,131,268,129
870 DATA 267,121,269,119,277,120,285,123,291,126,293,129, -1, -1,290,135
880 DATA 284,134,278,131,274,128,275,126,278,125, -1, -1,271,126,271,125
890 DATA 273,124,274,124,278,125,286,129,287,130,280,129,278,131, -1, -1
900 DATA 304,170,310,172,319,173,331,173,336,174,340,175,346,179,352,185
910 DATA 358,199, -1, -1,330,190,326,193,326,195,332,199, -1, -1,193,189
920 DATA 186,194,177,199, -1, -1,198,194,194,196,190,199, -1, -1,202,196
930 DATA 193,199, -1, -1,207,197,203,199, -1, -1,237,192,249,192,264,194
940 DATA 273,195,281,195,280,197,273,199, -1, -1,275, 79,264, 80,265, 86
950 DATA  -1, -1,265, 83,269, 80, -1, -1,999,999
960 ' LUM LINE DATA 2
970 DATA 1,0
980 DATA  25,199, 28,193, 35,185, 49,176, 41,177, 35,179, 28,183, 32,178
990 DATA  45,167, 56,159, 65,154, 73,151, 70,155, 67,163, 69,166, 76,171
1000 DATA  84,173, 95,174,110,173,130,168,141,164,154,155,162,147,165,142
1010 DATA 165,137,162,133,155,130,145,129,127,130,158,115,192, 96,205, 90
1020 DATA 219, 85,245, 78,263, 74,279, 72,289, 72, -1, -1,249,192,247,187
1030 DATA 247,183,249,178,243,181,239,185,242,179,245,174,250,170,259,164
1040 DATA 278,153,286,147,292,142,295,133,295,129,293,126,285,119,277,114
1050 DATA 271,109,263,100,262, 97,262, 95,266, 91,272, 88,271, 91,271, 93
1060 DATA 274, 97,275, 92,278, 87,284, 81,290, 77,297, 74,310, 71,319, 70
1070 DATA 327, 70,333, 72,337, 75,339, 80,339, 84,338, 87,326, 96,328, 91
1080 DATA 325, 94,321, 99,309,111,309,107,314, 98,307,105,303,111,295,133
1090 DATA 292,144,290,153,290,164,292,171,291,176,289,181,284,187,284,183
1100 DATA 283,181,280,187,273,194, -1, -1,371, 84,375, 86,378, 89,379, 92
1110 DATA 375, 89,376, 92,374, 96,370, 99, -1, -1,999,999
1120 ' LUM LINE DATA 3
1130 DATA 1,0
1140 DATA 352, 91,348, 93,344, 96,343, 97, -1, -1,343, 98,339,103,338,107
1150 DATA 341,111,339,116,339,120,343,126,350,131,369,137,381,138, -1, -1
1160 DATA 345,144,327,144,319,145,312,147,300,151, -1, -1,242,167,237,167
1170 DATA 221,164,215,163,206,163,196,164,186,167,166,176,155,183,140,194
1180 DATA 135,199, -1, -1,385,111,380,113,379,114,379,115,383,117,385,117
1190 DATA  -1, -1,393,126,387,127,386,128,392,130, -1, -1,999,999
1200 ' LUM LINE DATA 4
1210 DATA 1,0
1220 DATA 254,199,236,198,207,197,202,196,198,194,200,192,204,191,214,190
1230 DATA 230,191,237,192,249,195,263,199, -1, -1,999,999
1240 ' ATARU LINE DATA 1
1250 DATA 1,0
1260 DATA 352, 68,353, 65,361, 70,368, 73,363, 67,363, 62,360, 58,375, 56
1270 DATA 390, 55,382, 54,370, 53,384, 50,399, 49,414, 49,427, 50,418, 48
1280 DATA 409, 45,428, 48,446, 50,437, 48,427, 44,450, 48,470, 49,484, 50
1290 DATA 508, 54,530, 59,539, 62,547, 66,558, 75,562, 82,564, 88,563, 93
1300 DATA 568, 90,572, 86,572, 89,569, 94,562, 99,561,100,566,104,568,107
1310 DATA 567,110,564,114,560,116,561,113,559,109,555,107,554,114,552,118
1320 DATA 548,122,540,126,529,129, -1, -1,384, 87,385, 73, -1, -1,381, 75
1330 DATA 385, 73,398, 66,404, 64,410, 63,404, 67,400, 71,400, 72,403, 75
1340 DATA 403, 74,408, 70,421, 65,431, 63,449, 61,460, 60,452, 64,444, 67
1350 DATA 436, 69,428, 71,439, 71,460, 69, -1, -1,475, 65,460, 69,450, 73
1360 DATA 444, 77,441, 80,441, 84,442, 88,446, 92,446, 86,448, 83,456, 79
1370 DATA 466, 76,480, 74,499, 74,483, 77,496, 77,511, 75,509, 77,500, 79
1380 DATA 509, 80,512, 80,532, 77,519, 82,514, 85,511, 88,510, 91,511, 94
1390 DATA 512, 91,520, 87,533, 83,524, 88,516, 95,512,102,512,104,516,109
1400 DATA 505,111,496,114,491,117,488,120,493,118,500,116,509,115,499,118
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1410 DATA 494,121,491,126,491,129,495,126,493,131,488,137,496,134,506,129
1420 DATA 514,122,523,119,528,118,533,119,534,121,532,125,529,129,523,132
1430 DATA 514,134,507,135,503,135,498,133, -1, -1,510,126,516,125,521,124
1440 DATA 528,122, -1, -1,507,131,515,130,522,127,523,125,521,124, -1, -1
1450 DATA 522,133,521,136,516,139,510,141,506,141, -1, -1,508,138,506,141
1460 DATA 499,143,492,143, -1, -1,495,140,492,143,486,145,481,145, -1, -1
1470 DATA 486,141,481,145,473,147,469,147, -1, -1,409, 73,415, 71,425, 71
1480 DATA 433, 73,435, 75,437, 78,441, 81,438, 83,435, 82,432, 79,430, 75
1490 DATA 427, 73,422, 72,415, 72,409, 73, -1, -1,458, 81,458, 82,460, 85
1500 DATA  -1, -1,462, 82,462, 83,464, 84,470, 84,482, 82,491, 81,499, 81
1510 DATA 510, 85,505, 82,499, 80,495, 79,489, 78,482, 79,470, 81,462, 82
1520 DATA  -1, -1,433, 80,426, 78,421, 78,416, 79,408, 81,396, 85,390, 89
1530 DATA 388, 91,388, 93,389, 96,394, 98,396, 99,417, 98, -1, -1,418, 95
1540 DATA 418, 96,419, 97,423, 97,426, 95,426, 93,425, 92,422, 92,420, 93
1550 DATA 418, 95, -1, -1,482, 82,488, 83,493, 84,499, 87,504, 91,506, 96
1560 DATA 506, 99,505,102,502,105,500,106,493,108,485,108,478,107,464,104
1570 DATA 460,103,456,103, -1, -1,456,100,457, 98,459, 96,464, 96,464, 99
1580 DATA 461,101,457,101,456,100, -1, -1,435, 98,434,100,432,101,426,100
1590 DATA 424,100,421,103,422,105,422,108,419,110, -1, -1,392,122,407,122
1600 DATA 409,123,418,126,426,128,438,130,452,131,461,133,466,133,473,135
1610 DATA  -1, -1,394,132,408,137,443,138,474,137,488,136,491,134, -1, -1
1620 DATA 408,137,405,143,403,146,399,150, -1, -1,477,137,470,144,467,149
1630 DATA 466,152, -1, -1,405,143,397,143,391,144,383,144,374,142,370,141
1640 DATA  -1, -1,363,145,371,150,375,153,377,156,378,164,381,161,383,158
1650 DATA  -1, -1,376,148,378,151,378,154,377,156, -1, -1,365,158,356,156
1660 DATA 346,154,340,153,333,154,333,155,344,157,349,157,360,159,374,163
1670 DATA 378,165,380,167,379,170, -1, -1,377,168,379,170,384,175,387,179
1680 DATA 382,182, -1, -1,381,178,387,179, -1, -1,346,179,350,176,350,172
1690 DATA 357,175,358,175,367,172,372,174,375,174,381,178,382,182,382,187
1700 DATA 385,194, -1, -1,357,196,373,194,404,194,431,193,454,191,477,188
1710 DATA 497,185,511,184,537,180,551,178,570,176,582,174,592,172,598,170
1720 DATA 603,169,605,170, -1, -1,533,185,538,182,542,182,556,180,571,178
1730 DATA 590,175,600,172,605,170,607,171,607,172,604,175,601,176,595,178
1740 DATA 573,182,554,186, -1, -1,546,186,554,187,566,187,578,186,590,184
1750 DATA 606,181,608,182,607,184,603,186,594,188,582,190,565,192,555,193
1760 DATA 551,195,557,197,573,196,589,195,591,196,587,199, -1, -1,469,147
1770 DATA 483,150,493,151,524,152,532,153,540,156,545,162,547,172,547,174
1780 DATA  -1, -1,401,144,391,146,388,147,387,149,388,151,393,151,397,153
1790 DATA 404,157,407,158,417,162,417,164,424,163,431,165,438,165,447,167
1800 DATA 463,168,464,172,470,171,474,171,479,170,502,174,521,175,551,173
1810 DATA  -1, -1,547,171,551,173,552,174,550,177,550,178, -1, -1,419,160
1820 DATA 415,158,404,156, -1, -1,431,163,436,162,438,162,453,163,478,158
1830 DATA 493,156,499,156, -1, -1,493,165,488,169,487,171, -1, -1,489,175
1840 DATA 486,179,486,182,487,186, -1, -1,474,175,473,179,475,183,478,187
1850 DATA  -1, -1,464,182,469,186,474,188, -1, -1,559,192,563,196, -1, -1
1860 DATA 999,999
1870 ' ATARU LINE DATA 2
1880 DATA 1,0
1890 DATA 435, 83,436, 87,433, 91,429, 95,424, 99,420, 99,417, 98, -1, -1
1900 DATA 468, 85,462, 88,455, 94,450, 99,450,101,452,103,456,103, -1, -1
1910 DATA 999,999
1920 ' ATARU LINE DATA 3
1930 DATA 1,0
1940 DATA 441, 84,445, 79,455, 74,470, 70,478, 68,485, 67,493, 66,502, 65
1950 DATA 497, 63,492, 59,506, 63,519, 66,523, 66,521, 64,532, 66,542, 69
1960 DATA 549, 72,556, 76,560, 78, -1, -1,999,999
1970 ' ATARU LINE DATA 4
1980 DATA 1,0
1990 DATA 414, 68,441, 67, -1, -1,447, 87,454, 83,458, 81,467, 79,479, 79
2000 DATA  -1, -1,433, 92,438, 91,443, 90,447, 90,452, 92,455, 94, -1, -1
2010 DATA 425, 99,433, 99, -1, -1,434,100,446,103,455,105,468,108,475,109
2020 DATA 485,110,493,115, -1, -1,490,129,485,133,479,136, -1, -1,431,139
2030 DATA 438,140,449,141,453,143,454,145,452,150,448,156,445,159,441,162
2040 DATA  -1, -1,500,156,514,158,525,160,530,162,534,165,536,169,536,172
2050 DATA 535,174, -1, -1,422,104,427,105,429,107,429,108,426,110,420,110
2060 DATA  -1, -1,493,165,494,168,498,173, -1, -1,346,179,356,178,362,179
2070 DATA 367,182,371,188,373,194, -1, -1,999,999
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2080 ' ATARU LINE DATA 5
2090 DATA 1,0
2100 DATA 361,144,364,151,364,154,361,157, -1, -1,340,157,353,162,358,165
2110 DATA 360,168,361,173, -1, -1,521,176,529,177,532,180, -1, -1,999,999
2120 ' BACK TILLING DATA
2130 DATA 5
2140 DATA FF,FF,E7,FF,FF,C3,FF,FF,81,FF,FF,00,FF,FF,00,FF,FF,81,FF,FF,C3
2150 DATA FF,FF,E7,0,0,0,0,390,140,0,999,999
2160 ' LUM PAINT DATA
2170 DATA 3,0
2180 DATA 265, 81,  6,269, 82,  6,110,140,  4,350, 75,  4,375, 84,  4
2190 DATA 270,155,  4,347,109,  0,195,197,  6,202,198,  0
2200 ' ATARU PAINT DATA
2210 DATA 422, 95,  0,460,100,  0,999,999,0
2220 ' LUM TILE PAINT DATA 1
2230 DATA 4,0,00,00,AA,00,00,55
2240 DATA 210,120,300, 90,370, 89,270,170,355, 90,999,999
2250 ' LUM TILE PAINT DATA 2
2260 DATA 4,0,55,FF,FF,AA,FF,FF
2270 DATA 350, 94,360,120,310,155,200,175,310,180,260,195,210,199,285,199
2280 DATA 999,999
2290 ' LUM TILE PAINT DATA 3
2300 DATA 4,0,11,FF,EE,44,FF,BB
2310 DATA 352, 87,328,107,320,120,383,114,390,128,270,122,278,128,190,160
2320 DATA 999,999
2330 ' LUM TILE PAINT DATA 4
2340 DATA 4,0,FF,88,FF,FF,22,FF
2350 DATA 347,107,337,109,333,111,999,999
2360 ' LUM TILE PAINT DATA 5
2370 DATA 4,0,77,FF,FF,DD,FF,FF
2380 DATA 220,195,999,999
2390 ' ATARU TILE PAINT DATA 1
2400 DATA 4,0,00,AA,00,00,55,00
2410 DATA 410, 60,433, 75,470, 83,423, 48,418, 47,434, 46,523, 65,426, 72
2420 DATA 999,999
2430 ' ATARU TILE PAINT DATA 2
2440 DATA 4,0,00,88,00,00,22,00
2450 DATA 540,100,480,140,999,999
2460 ' ATARU TILE PAINT DATA 3
2470 DATA 4,0,AA,FF,EE,55,FF,BB
2480 DATA 400, 83,440, 75,437, 87,450, 88,420,145,360,185,490,190,430,100
2490 DATA 999,999
2500 ' ATARU TILE PAINT DATA 4
2510 DATA 4,0,55,FF,AA,AA,FF,55
2520 DATA 430, 65,470, 77,496, 78,440, 95,510,100,490,133,425,107,510,128
2530 DATA 460,145,370,180,490,170,508, 76,523, 79,526, 86,455, 70,999,999
2540 ' ATARU TILE PAINT DATA 5
2550 DATA 4,0,FF,77,FF,FF,DD,FF
2560 DATA 420,170,397,144,330,165,999,999
2570 ' ATARU TILE PAINT DATA 6
2580 DATA 4,0,55,00,55,AA,00,AA
2590 DATA 370,155,370,170,540,176,555,195,999,999
2600 DATA 0
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うる星やつら
テン

PC―8801/mkII

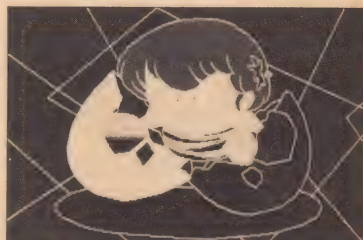
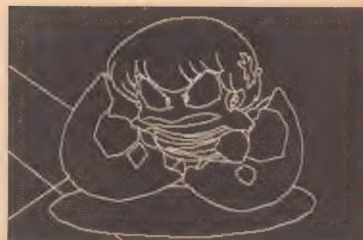
小河俊之

かわいい（？）テンちゃんの登場だ!!

うる星やつらのキャラクターのＣＧと言えば、ラムちゃんをはじめほとんどが女の子のものばっかりだったのでちょっと目先を変えてテンちゃんを選んでみました。男から見ればかわいげのないテンちゃんも、女の子にはけっこう人気があるようです。

小河君のプログラムは今回３本載っていますが、プログラムのスタイルが自分流に統一されており、よくまとまっています。ただ、タイルストリングがだいたい何色になるかコメントがリスト上にあったら、読者のみんなの参考になったでしょう。タイルストリングにはみんな、かなり苦心しているみたいですからね。

絵の方は背景がカラフルで、とてもきれいです。模様のタイルパターンが少し荒いようですが、色を暗めにしてキャラクターを浮き出たせるためにこうなったようですね。また、背景には４つの色が使われていますが、それがお互いにとなり合わないようにうまく配色されています。

小河くんのＣＧの特徴として、色でトレスラインを描き、内側をペイントしてから、もう一度黒でラインを引き直しています。これはわりとよく使われますが、特に目の中などの細かいところはぬりづらいので、つい背景の黒をそのまま用いてPAINTせずにすましてしまうものです。またトレスし直すのでちょっと時間がかかりますが重要なテクニックです。

作者のプロフィール

本名・小河俊之、中学３年生15才。受験生です。学校のパソコンクラブで副部長をしています。ＣＧ「美姫」（P.124）はオリジナルＣＧの第３作目。

性格…友人には２面性があると言われている。そしてきわめつけは、暗い。

うる星やつら　テン　プログラムリスト

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1000 '┌┬──────────────────────────────────────────────────┬┐
1010 '├┼──────────────────────────────────────────────────┼┤
1020 '││┌┐                                              ┌┐││
1030 '││└┘  ' Computer '  <<<< POPCOM >>>>   ' graphic '└┘││
1040 '││                  Title 「  テ  ン  」              ││
1050 '││  ショウガ゛クカン , シュウカン ショウネン・サンデ゛ー 「 ウルセイヤツラ 」/「タカハシ ルミコ」││
1060 '││                1984年 6月 13日 スイヨウビ゛          ││
1070 '││┌┐      By Toshiyuki.Ogawa.  JJJ.PC-8801 !!      ┌┐││
1080 '││└┘                                              └┘││
1090 '├┼──────────────────────────────────────────────────┼┤
1100 '└┴──────────────────────────────────────────────────┴┘
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リスト続く

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1110 '
1120 '***** SCREEN *****
1130 '
1140 CONSOLE 0,25,0,1:WIDTH 80,25:COLOR 7,0,0,7
1150 FOR C=0 TO 7:COLOR=(C,C):NEXT C
1160 SCREEN 0,3:CLS 3:SCREEN 0,0
1170 WINDOW (0,10)-(500,180):VIEW (0,0)-(639,199)
1180 '
1190 '***** MAIN LINE *****
1200 '
1210 READ X,Y
1220   POINT (2*X,Y)
1230 READ X,Y
1240   IF X=-1  THEN 1210
1250   IF X=777 THEN 1210
1260   IF X=999 THEN 1310
1270   LINE -(2*X,Y),7
1280 GOTO 1230
1290 '
1300 '***** PAINT *****
1310 '
1320 T0$=CHR$(&H0)+CHR$(&HFF)+CHR$(&HFF)
1330 T1$=CHR$(&H0)+CHR$(&HFF)+CHR$(&HFF)
1340 T2$=CHR$(&HFF)+CHR$(&HFF)+CHR$(&HFF)
1350 T3$=CHR$(&HFF)+CHR$(&HF8)+CHR$(&HF8)+CHR$(&HFF)+CHR$(&H8F)+CHR$(&H8F)
1360 T4$=CHR$(&H55)+CHR$(&HFF)+CHR$(&H55)
1370 T5$=CHR$(&H55)+CHR$(&HFF)+CHR$(&HFF)
1380 T6$=CHR$(&H0)+CHR$(&H0)+CHR$(&H55)
1390 T7$=CHR$(&H0)+CHR$(&H0)+CHR$(&H8)+CHR$(&H0)+CHR$(&H0)+CHR$(&H80)
1400 T8$=CHR$(&H99)+CHR$(&H99)+CHR$(&H99)
1410 T9$=CHR$(&H55)+CHR$(&H0)+CHR$(&H0)+CHR$(&HAA)+CHR$(&H0)+CHR$(&H0)
1420 TA$=CHR$(&H0)+CHR$(&H55)+CHR$(&H55)
1430 TB$=CHR$(&HF0)+CHR$(&H0)+CHR$(&H0)+CHR$(&HF)+CHR$(&H0)+CHR$(&H0)
1440 TC$=CHR$(&H0)+CHR$(&HF0)+CHR$(&H0)+CHR$(&H0)+CHR$(&HF)+CHR$(&H0)
1450 TD$=CHR$(&H0)+CHR$(&HF0)+CHR$(&HF0)+CHR$(&H0)+CHR$(&HF)+CHR$(&HF)
1460 TE$=CHR$(&H0)+CHR$(&HF0)+CHR$(&H50)+CHR$(&H0)+CHR$(&HF)+CHR$(&H5)
1470 '
1480 READ X,Y,C
1490   IF X=999 THEN 1590
1500   IF C=1 THEN T$=T1$ ELSE IF C=2 THEN T$=T2$ ELSE IF C=3 THEN T$=T3$
1510   IF C=4 THEN T$=T4$ ELSE IF C=5 THEN T$=T5$ ELSE IF C=6 THEN T$=T6$
1520   IF C=7 THEN T$=T7$ ELSE IF C=8 THEN T$=T8$ ELSE IF C=9 THEN T$=T9$
1530   IF C=10 THEN T$=TA$ ELSE IF C=11 THEN T$=TB$ ELSE IF C=12 THEN T$=TC$
1540   IF C=13 THEN T$=TD$ ELSE IF C=14 THEN T$=TE$ ELSE IF C=0  THEN T$=T0$
1550   PAINT (2*X,Y),T$,7
1560 GOTO 1480
1570 '
1580 '***** SHADOW LINE *****
1590 '
1600 RESTORE
1610 READ X1,Y1
1620 READ X2,Y2
1630   IF X2=-1 THEN 1690
1640   LINE (2*X1,Y1)-(2*X2,Y2),0,,&H5555
1650   LINE (2*X1,Y1)-(2*X2,Y2),4,,&HAAAA
1660   X1=X2:Y1=Y2
1670 GOTO 1620
1680 '
1690 READ X,Y
1700   POINT (2*X,Y)
1710 READ X,Y
1720   IF X=-1  THEN 1690
1730   IF X=777 THEN 1780
1740   LINE -(2*X,Y),0
1750 GOTO 1710
1760 '
```

```
1770 '***** BACK *****
1780 '
1790 RESTORE 3690
1800 '
1810 READ X,Y
1820   POINT (2*X,Y)
1830 READ X,Y
1840   IF X=-1  THEN 1810
1850   IF X=999 THEN 1900
1860   LINE -(2*X,Y),0
1870 GOTO 1830
1880 '
1890 '***** SUB LINE *****
1900 '
1910 RESTORE 4000
1920 '
1930 READ X,Y
1940   POINT (2*X,Y)
1950 READ X,Y
1960   IF X=-1  THEN 1930
1970   IF X=999 THEN 2020
1980   LINE -(2*X,Y),0
1990 GOTO 1950
2000 '
2010 '***** TITLE & STAR *****
2020 '
2030 READ X,Y
2040   POINT (2*X,Y)
2050 READ X,Y
2060   IF X=-1  THEN 2030
2070   IF X=999 THEN 2110
2080   LINE -(2*X,Y),2
2090 GOTO 2050
2100 '
2110 PAINT (2*25,32),2:PAINT (2*37,32),2:PAINT (2*52,43),2
2120 '
2130 READ X,Y
2140   POINT (2*X,Y)
2150 READ X,Y
2160   IF X=-1  THEN 2130
2170   IF X=999 THEN 2210
2180   LINE -(2*X,Y),6
2190 GOTO 2150
2200 '
2210 PAINT (2*180,45),TA$,6:PAINT (2*176,44),6:PAINT (2*179,48.2),6
2220 PAINT (2*178.5,41),6:PAINT (2*184.5,42),6:PAINT (2*184.5,47),6
2230 '
2240 '***** ENDING *****
2250 '
2260 FOR I=0 TO 30
2270   BEEP 1
2280   FOR K=0 TO 10:NEXT K
2290   BEEP 0
2300 NEXT I
2310 '
2320 IF INP(9)<>191 THEN 2320
2330 '
2340 FOR I=0 TO 50
2350   BEEP 1
2360   FOR K=0 TO 2:NEXT K
2370   BEEP 0
2380 NEXT I
2390 '
2400 ::: END :::
2410 '
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リスト続く

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2420 '-----------------------------------------------------------------
2430 '                             D  A  T  A
2440 '-----------------------------------------------------------------
2450 'LINE DATA
2460 '------ ｱﾀﾏﾉ ｶｹﾞ ------
2470 DATA 159,50,161,50,162,51,163,53,164,56,164,53,165,53,166,56
2480 DATA 166,58,165,61,166,63,167,64,168,67,168,70,166,69,165,72
2490 DATA 164,73,163,73,163,71,164,66,163,65,162,67,161,66,161,64
2500 DATA 162,61,161,60,158,58,157,57,158,56,159,56,162,57,160,53
2510 DATA 159,51,159,50,-1,.
2520 '------ ｱﾀﾏﾉ ｶﾐ ------
2530 DATA 159,88,163,86,165.5,84,167,82,168,79,168,78,-1,.
2540 DATA 167,82,169,81,170,79,171,76,171.5,73,171.5,71,171,68
2550 DATA 170,65,168,63,169,61,169.5,58,169,55,168,52,167,49,166,47
2560 DATA 164,44,162,41,159,38,156,35,152,32,150,31,147,29,143,27
2570 DATA 140,26,134,25,126,25,116,26,111,27,106,29,100,31,94,35
2580 DATA 88,39,83,43,80,46,77,50,75,53,74,56,73.5,60,74,65
2590 DATA 76,68,-1,.
2600 DATA 78,56,77,58,76,63,76,67,77,70,78,72,80.5,75,85,78
2610 DATA 87,80,90,82,94,83,-1,.
2620 DATA 83,70,84,72,86,75,89,77,91,78,92.5,77,93,76,90,72
2630 DATA 87,68,86,65,85.5,63,-1,.
2640 DATA 88,70,90,71,91,72,92,71,92,70,91,65,91,61,92,55
2650 DATA 91.5,57,92,60,94,64,95,65,98,67,100,67,98,63,97,59,97,56,-1,.
2660 DATA 99,65,101,68,103,70,107,73,111,75,116,76,117,76,120,75,122,74
2670 DATA 125,72,127,70,124.5,67,122,64,119,59,-1,.
2680 DATA 123,65,125,67,128,68,130,67,132,65,132.5,64,-1,.
2690 DATA 126,56,127,59,129,62,132,64,133,64,-1,.
2700 DATA 133,55,134,57,137,60,140,62,144,63,148,62,145,58,144,55,143,50
2710 DATA -1,.
2720 DATA 145,63,145,66,147,71,149,74,153,76,156,76,153,72,152,67,152,64
2730 DATA -1,.
2740 DATA 151.5,76,150,78,149,81,149,83,150,86,151,88,152.5,89,153,88
2750 DATA 153,87,152.5,85,152.5,83,153,81,154.5,78,156,76,158,75,160,74
2760 DATA 160.5,76,161,78,161,79,160,82,159,84,157,86,155,87,-1,.
2770 '------ ﾂﾉ ------
2780 DATA 169,60,170,60,172,61,172.5,62,171.5,64,170,65,-1,.
2790 '------ ﾎﾎ,ｱｺﾞ ------
2800 DATA 91,78,93,81,94,83,95,86,95,87,94,89,93,91,93,92,93,94,97,96
2810 DATA 103,98,114,99,122,99,132,97,139,95,146,92,-1,.
2820 '------ ﾐﾐ ------
2830 DATA 154,80,156,78,157,79,157,81,155,84,153,85,-1,.
2840 DATA 153,82,154,81,155.5,82,156,83,-1,.
2850 '------ ﾐｷﾞ ﾒ ------
2860 DATA 111,87,108,88,106,88,102,87,99,85,97,82,95,78,94,74,93.5,71
2870 DATA 94,68,95,66,96,66,-1,.
2880 DATA 92,66,93,65,94,65,98,67,100,69,104.5,73,110,78,112,80,-1,.
2890 DATA 111,80,111,82,112,84
2900 DATA -1,.                :'111.5,84,110.5,83,110,81,110.5,80
2910 DATA 112,80,113,82,112.5,84,111.5,82,111.5,80,113,80,-1,.
2920 '------ ﾋﾀﾞﾘ ﾒ ------
2930 DATA 125,85,130,86,131,86,136,85,141,83,143.5,81,-1,.
2940 DATA 145,80,146,77,146,75,145,70,144,67,143,65,142,64,140,63,138,62
2950 DATA 137,62,-1,.
2960 DATA 139,61,136,62,135,63,132,66,129,69,126,73,124,76,121.5,78
2970 DATA 121,78,-1,.
2980 DATA 124,77,125,79,125,81,124.5,82,123,83,124,83,125,81,125,79
2990 DATA 124,78,-1,.
3000 DATA 123,78,124,79,124,81,123,82,122.5,81,122.5,79,123,78,-1,.
3010 '------ ﾊﾅ,ｸﾁ ------
3020 DATA 113,88,112.5,87,113.5,86,115,86,-1,.
3030 DATA 97,94,100,93,106,94,111,95,114,96,118,95,123,93,129,91
3040 DATA 135,90,138,90,144,91,-1,.
3050 '------ ﾐｷﾞﾃ,ﾋﾀﾞﾘﾃ ------
3060 DATA 153,87,155,87,158,88,160,89,162.5,91,166,95,167,97,167.5,98
3070 DATA 167,99,166,98,166,100,165.5,101,164,99,164.5,100,164.5,102
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3080 DATA 164,102,161,101,156,101,154,101,150,100,148.5,99,147,99
3090 DATA 142,101,137,103,127,105,124,105,116,104,110,102,108,101
3100 DATA 104,100,101,100,97,101,96,101,93,100,92,99,91,100,90,100,89,99
3110 DATA 90,98,89,98,-1,.,88,96,93,92,-1,.
3120 '------ ﾋﾀﾞﾘｱｼ ------
3130 DATA 158,101,161,104,163,108,164,112,164,113,163,116,160.5,120
3140 DATA 161,120,161,121,160,123,159,123,158,124,156,123,155,124,150,122
3150 DATA 147,119,144,117,142,115,142,114,142.5,112,144,110,145,107
3160 DATA 145.5,106,148,104,151,102,154,101,-1,.
3170 '------ ﾋﾀﾞﾘｱｼ,ﾊﾗ ------
3180 DATA 114,128,115.5,126,119,123,120.5,121,-1,.
3190 DATA 104,100,103.5,102,103.5,104,104,107,105,110,107,114,108.5,116
3200 DATA 113,119,119,121,125,122,128,122,136,121,144,119,146,118,-1,.
3210 DATA 150,100,144,103,137,105,130,106,125,106,120,105,-1,.
3220 DATA 104,102,110,105,116,107,126,108,130,108,140,106,141,107,140,108
3230 DATA 135,109,131,110,125,111,120,111,113,110,108,108,104,106,-1,.
3240 DATA 146,106,141,109,135,111,127,113,123,113,118,114,112,113,112,114
3250 DATA 116,115,120,116,126,117,127,117,134,116,142,114,-1,.
3260 DATA 144,117,138,119,132,119,122,118,116,117,112,115,108,113,105,110
3270 DATA -1,.
3280 '------ ﾐｷﾞﾉ ｶﾗ ------
3290 DATA 74,66,72,64,71,63,69,65,65,70,62,73,59,77,57,80,55,83,52,88
3300 DATA 50,92,48,96,47,99,45,107,44,115,44,118,45,125,47,130,49,133
3310 DATA 51,136,55,140,59,142,62,144,68,146,72,147,80,148.2,81,148.2
3320 DATA 90,147,96,145,103,143,110,140,116,137,121,134,122,133,122,132
3330 DATA 121,131,119.5,130,119,129,115,128,113,127,110,125,110,121
3340 DATA 109,117,108,115,107,114,104,109,102,105,101,103,98,102,96,101
3350 DATA -1,.
3360 DATA 89,98,88,95,86,94,84,93,79,92,74.5,92,75,87,77,81,76,79,74,74
3370 DATA 71,63,-1,.
3380 DATA 91,82,92,84,93.5,86,95,87,-1,.,122,122,123,125,123,128,-1,.
3390 '------ ﾋﾀﾞﾘﾉ ｶﾗ ------
3400 DATA 166,95,168,94,169,94,170,91,170.5,88,173,87,175,86,177,83
3410 DATA 179,78,180,76,182.5,73,184.5,75,186,77,189,83,192,89,194,94
3420 DATA 195,98,197,106,197.5,114,197.5,117,197,124,196,129,194,134
3430 DATA 192,138
3440 DATA 189,142,186,145,184,147,181,149,177,151,171,153,162,155,159,155
3450 DATA 151,154,145,152,140,150,135,147,132,145,127,141,123.5,138
3460 DATA 121,135,-1,.
3470 DATA 122,131,124,127,125,126,133,127,138,122,139,122,153,123,-1,.
3480 DATA 164,111,163.5,105,164,102,-1,.
3490 DATA 162,90,164,88,166,87,168,87,169,86,170,84,173,82,175,81,179,78
3500 DATA -1,.,130,127,132,124,133.5,122,777,.
3510 '
3520 '-----------------------------------------------------------------
3530 '
3540 '------ ﾘｮｳﾒ ------
3550 DATA 112,84,111.5,86,111,87,-1,.
3560 DATA 123.5,83,123.5,84,125,85,-1,.,143.5,81,145,80,-1,.
3570 '------ ﾐｷﾞﾉ ｶﾗ ------
3580 DATA 75,87,69,93,65,106,73,119,83,118,93,108,93,100,-1,.
3590 DATA 94,101,95,107,97,111,104,113,106,112,-1,.
3600 DATA 94,110,86,118,92,127,99,118,94,110,-1,.
3610 '------ ﾋﾀﾞﾘﾉ ｶﾗ ------
3620 DATA 173,87,181,89,183,90,188,100,188,104,185,119,171,123,161,119
3630 DATA -1,.
3640 DATA 160,125,162,125,167,128,168,133,164,138,158,135,155,130,160,125
3650 DATA 777,.
3660 '
3670 '-----------------------------------------------------------------
3680 'BACK DATA
3690 '------ BACK ------
3700 DATA 112,139,125,139,-1,.
3710 DATA 191,139,195,140,197,141,201,143,202.5,144,205,147,205.5,149
3720 DATA 205.5,150,205,152,203,155,199,158,194,161,186,164,176,167
3730 DATA 165,169,150,171,137,172,120,172,90,171,76,170,64,168,56,166
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3740 DATA 48,163,42,160,38.5,157,37,155,36.5,154,37,152,38,151,40,149
3750 DATA 43,147,48,144,54,142,57,141,-1,.
3760 '------ BACK ------
3770 DATA 0,107,46,145,-1,.,77,170,89,180,-1,.,0,167,49,133,-1,.
3780 DATA 0,52,52,88,-1,.,106,10,30,83,49,94,-1,.,46,10,74,56,-1,.
3790 DATA 81,10,112,26,-1,.,169,55,241,89,199,142,-1,.
3800 DATA 220,10,189,83,-1,.,155,171,168,180,179,166,-1,.,196,130,240,180
3810 DATA -1,.,250,60,220,90,250,135,999,.
3820 '
3830 '-----------------------------------------------------------------
3840 'PAINT DATA
3850 DATA 130,30,6,163,59,7,100,80,2,140,70,2,120,90,5,92,63,5,151,80,6
3860 DATA 128,69,5,101,69,5,102,70,5,100,68,5,90.5,72,5,124.5,80,2
3870 DATA 124,77.2,2,126.3,71.1,5,141.5,63,5,132,65.2,5,126,68,5
3880 DATA 133,65,5,129,68,5,162,53,7,164,71,7,159,77,5,150,105,5
3890 DATA 115,122,5,170,63,10,156,80,5,154,83,5,113,105,0,143,105,0
3900 DATA 108,111,0,138,117,0,120,117,0,116,116,0,70,80,2,80,100,3
3910 DATA 98,105,3,93,115,3,80,80,9,102,102,9,120,125,9,185,80,2
3920 DATA 180,95,3,160,130,3,167,90,9,161,102,9,135,123,9,145,121,9
3930 DATA 120,145,8,94,85,14,128,124,12,120,137,14,10,20,11,70,20,13
3940 DATA 65,60,12,20,80,13,40,85,14,10,120,14,50,140,12,30,150,11
3950 DATA 110,175,12,90,30,14,95,15,11,120,15,12,230,20,14,180,70,13
3960 DATA 130.2,67,5,200,90,11,170,170,14,210,160,13,197,135,12,230,90,12
3970 DATA 131,66,5,240,80,13,230,120,14,113,115,0,138,109,0,999,.,.
3980 '
3990 '-----------------------------------------------------------------
4000 'SUB LINE DATA
4010 DATA 112,56,113,61,114,64,116,67,117,68,120,70,123,71,126,71,-1,.
4020 DATA 140,52,141,56,143,59,146,62,-1,.
4030 DATA 154,66,155,71,157,75,-1,.
4040 DATA 77,73,75.5,74,75,76,-1,.
4050 DATA 67,93,65,94,64,94,61,93,58,92,56,92,-1,.
4060 DATA 91,88,89,91,88,92,87,94,-1,.,89,91,90,94,-1,.
4070 DATA 88,99,87,102,85,104,83,106,82,111,-1,.
4080 DATA 83,106,77,110,-1,.
4090 DATA 78,130,83,129,85,128,89,127,91,127,90,129,88,132,85,135,-1,.
4100 DATA 93,127,98,130,101,127,105,124,109,124,-1,.
4110 DATA 122,134,123,136,-1,.,124,137,127,139,-1,.
4120 DATA 125,127,127,128,129,128,-1,.,130,128,132,128,-1,.
4130 DATA 133,127,134,130,-1,.
4140 DATA 134,132,134,134,139,140,141,142,143,145,-1,.
4150 DATA 160,123,167,124,172,127,173,130,180,131,185,130,192,126,-1,.
4160 DATA 173,130,175,134,175,136,181,139,-1,.
4170 DATA 183,140,187,140,-1,.,109,118,109,123,-1,.
4180 DATA 111,79,110,81,110.5,83,111,84,999,.
4190 '
4200 '-----------------------------------------------------------------
4210 'TITLE & STAR DATA
4220 '------ TEN ------
4230 DATA 20,30,20,33,25,33,25,45,28,45,28,33,33,33,33,30,20,30,-1,.
4240 DATA 35,30,35,45,48,45,48,42,38,42,38,39,45,39,45,36,38,36,38,33
4250 DATA 48,33,48,30,35,30,-1,.
4260 DATA 50,30,50,45,53,45,53,35,60,45,63,45,63,30,60,30,60,40,53,30
4270 DATA 50,30,999,.
4280 '------ STAR ------
4290 DATA 173,51,175,49,177,48,-1,.
4300 DATA 178,46,177,46,175,45,175,44,177,43,179,43,178,41,178,40,179,40
4310 DATA 181.5,42,183,41,185,41,185,42,184,44,185,47,184.5,48,184,48
4320 DATA 181,47,179,49,178,49,178,46,-1,.
4330 DATA 179,46,176,45,179,43,179,41,181,42,184,42,183,44,184,47,181,46
4340 DATA 179,48,178,48,179,46,999,.
4350 '
4360 '-----------------------------------------------------------------
4370 '                    G A M E   O V E R
4380 '-----------------------------------------------------------------
4390 '
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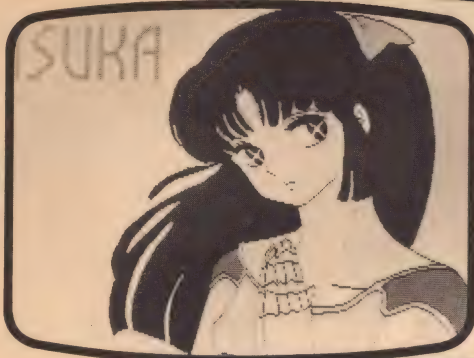
うる星やつら
飛鳥

PC—8801/mkII

小河俊之

かわい・おそろし綾小路飛鳥(あやのこうじあすか)!!

うる星やつらの中のキャラクターとしては、あまり描かれていない"飛鳥"ですが、なかなかカワイク描けています。

まず、プログラム解説ですが、最初に白でラインを引いたあと、再び同じDATAで黒（その他の色）で引きなおしてあります。また、境界色はラインパターンで消してあります。両腕とバックの左上から右下に引かれている線がそうです。先の方は白と水色、後の方は白と紫となっています。

変更点……

①処理がおそいと思われた場合は1160行の先頭に「out　104，0」と挿入　2390行の「END」の前に、「WIDTH　80」と挿入

②はだ色が淡いと思われた場合は1340行を下のように

T30＝CHR＄(＆H55)＋CHR＄(＆HFF)＋CHR＄(＆H55)

「飛鳥」の髪の色は、独断と偏見で自分の好きな黒い色の髪にしたようですが、見ましたか？アニメの飛鳥!!　髪の色は黒でしたね!!　でも、オリジナルのCGなんだから、自分の好きな色をぬっちゃえばいいわけです。でも、髪のライン、もっとなめらかになびいているように描けていればよかったのにと思います。

全体的には、シンプルにまとめてあります。ただし、かげりのある「飛鳥」の表情と、"ASUKA"のアルファベットが弱いために、淡ぱくな作品になってしまったみたいです。

「うる星やつら」のアニメを見てのとおり、飛鳥は、おしとやかで、可憐な少女であるが、男を見るやそれはもうすさまじいもの!!

この動と静のアンバランスなところをうまくCGの画面に描くことができたら、きっとよくなるでしょう。

▲最初の人物の線描きはとても大切。スマートでキレイなラインが出せるように心がけましょう。

このCGのように、1つの人物を1つ描くだけではなくて、いくつか重ねて、構図的におもしろくすれば、もっと味のある絵がらになっていただろうと思います。

絵的なセンスのよさは、すごくみとめます。でも、ロゴが少しダサかったようです。絵は大胆かつ繊細に描きましょう。

▲飛鳥のしおらしさがよくでている作品です。しかし少し暗さが感じられるのはなぜでしょうか？　でも、それもまたこの絵のよいところでもあるのですね。

```
1000 ' ┌┬────────────────────────────────────────────────────────┬┐
1010 ' ├┼────────────────────────────────────────────────────────┼┤
1020 '│ │ ┌┐                         '                                   ┌┐ │ │
1030 '│ ┘ └┘  'Computer'        <<< POPCOM >>>           'Graphics'     └┘ │ │
1040 '│ │                  「   ア ス カ.   」                              │ │
1050 '│ │     ショウカ゛クカン, ショウネンサンテ゛ー, 「 ウルセイヤツラ 」 / (C) タカハシ.ルミコ │ │
1060 '│ │                   1984年 6月 22日 キンヨウ日                      │ │
1070 '│ │ ┌┐          by Toshiyuki.Ogawa.  JJJ.PC-8801 !!               ┌┐ │ │
1080 '│ │ └┘                                                            └┘ │ │
1090 ' ├┼────────────────────────────────────────────────────────┼┤
1100 ' └┴────────────────────────────────────────────────────────┴┘
1110 '
1120 '****** SCREEN ******
1130 '
1140 CONSOLE 0,25,0,1:WIDTH 80,25:COLOR 7,0,0,7
1150 FOR C=0 TO 7:COLOR=(C,C):NEXT C
1160 SCREEN 0,3:CLS 3:SCREEN 0,0
1170 WINDOW (0,10)-(500,180):VIEW (0,0)-(639,199)
1180 '
1190 '****** MAIN LINE ******
1200 '
1210 READ X,Y
1220   POINT (2*X,Y)
1230 READ X,Y
1240   IF X=-1  THEN 1210
1250   IF X=777 THEN 1210
1260   IF X=999 THEN 1310
1270   LINE -(2*X,Y),7
1280 GOTO 1230
1290 '
1300 '****** PAINT ******
1310 '
1320 T1$=CHR$(&HFF)+CHR$(&H96)+CHR$(&H96)+CHR$(&HFF)+CHR$(&H69)+CHR$(&H69)
1330 T2$=CHR$(&H55)+CHR$(&H55)+CHR$(&H55)
1340 T3$=CHR$(&H55)+CHR$(&HFF)+CHR$(&HFF)
1350 T4$=CHR$(&HFF)+CHR$(&HFF)+CHR$(&HFF)
1360 T5$=CHR$(&HFF)+CHR$(&H55)+CHR$(&HFF)
1370 T6$=CHR$(&H55)+CHR$(&H0)+CHR$(&H0)+CHR$(&HAA)+CHR$(&H0)+CHR$(&H0)
1380 T7$=CHR$(&HFF)+CHR$(&HFF)+CHR$(&H55)
1390 T8$=CHR$(&HFF)+CHR$(&HFF)+CHR$(&H50)+CHR$(&HFF)+CHR$(&HFF)+CHR$(&H5)
1400 T9$=CHR$(&H0)+CHR$(&HFF)+CHR$(&H96)+CHR$(&H0)+CHR$(&HFF)+CHR$(&H69)
1410 '
1420 READ X,Y,C
1430   IF X=999 THEN 1510
1440   IF C=1 THEN T$=T1$ ELSE IF C=2 THEN T$=T2$ ELSE IF C=3 THEN T$=T3$
1450   IF C=4 THEN T$=T4$ ELSE IF C=5 THEN T$=T5$ ELSE IF C=6 THEN T$=T6$
1460   IF C=9 THEN T$=T9$
1470   PAINT (2*X,Y),T$,7
1480 GOTO 1420
1490 '
1500 '****** BACK & TITLE ******
1510 '
1520 FOR I=1 TO 2
1530   READ X1,Y1,X2,Y2
1540   LINE (2*X1,Y1)-(2*X2,Y2),7
1550 NEXT I
1560 '
1570 READ X,Y,C
1580   IF X=999 THEN 1630
1590   IF C=7 THEN T$=T7$ ELSE IF C=8 THEN T$=T8$
1600   PAINT (2*X,Y),T$,7
1610 GOTO 1570
```

```
1620 '
1630 FOR I=1 TO 2
1640   READ X1,Y1,X2,Y2
1650   LINE (2*X1,Y1)-(2*X2,Y2),3,,&H5555
1660 NEXT I
1670 '
1680 READ X,Y
1690   POINT (2*X,Y)
1700 READ X,Y
1710   IF X=-1  THEN 1680
1720   IF X=999 THEN 1750
1730   LINE -(2*X,Y),1
1740 GOTO 1700
1750 '
1760 READ X,Y
1770   IF X=999 THEN 1820
1780   PAINT (2*X,Y),1
1790 GOTO 1760
1800 '
1810 '****** SHADOW LINE ******
1820 '
1830 RESTORE 2670
1840 READ X,Y
1850   POINT (2*X,Y)
1860 READ X,Y
1870   IF X=-1  THEN 1840
1880   IF X=777 THEN 1920
1890   LINE -(2*X,Y),5,,&H5555
1900 GOTO 1860
1910 '
1920 READ X,Y
1930   POINT (2*X,Y)
1940 READ X,Y
1950   IF X=-1  THEN 1920
1960   IF X=999 THEN 2010
1970   LINE -(2*X,Y),0
1980 GOTO 1940
1990 '
2000 '****** SUB LINE *****
2010 '
2020 RESTORE 4580
2030 READ X,Y
2040   POINT (2*X,Y)
2050 READ X,Y
2060   IF X=-1  THEN 2030
2070   IF X=777 THEN 2110
2080   LINE -(2*X,Y),7
2090 GOTO 2050
2100 '
2110 READ X,Y
2120   POINT (2*X,Y)
2130 READ X,Y
2140   IF X=-1  THEN 2110
2150   IF X=777 THEN 2190
2160   LINE -(2*X,Y),0
2170 GOTO 2130
2180 '
2190 'de BUG
2200 LINE (2*100,87)-(2*105,86),7,,&H5555
2210 LINE (2*100,87)-(2*105,86),3,,&HAAAA
2220 '
2230 '****** ENDING ******
2240 '
2250 FOR K=1 TO 50
2260   BEEP 1
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2270   FOR L=1 TO 10:NEXT L
2280   BEEP 0
2290 NEXT K
2300 '
2310 IF INP(9)<>191 THEN 2310
2320 '
2330 FOR K=1 TO 50
2340   BEEP 1
2350   FOR L=1 TO 5:NEXT L
2360   BEEP 0
2370 NEXT K
2380 '
2390 :::::::::: END ::::::::::
2400 '
2410 '-------------------------------------------------------------------
2420 'LINE DATA
2430 '----- ﾒ -----
2440 DATA 116,82,117.5,84,119,86,120.5,87,-1,.
2450 DATA 140.5,71,142,74,145,77.5,147,78,-1,.
2460 '----- WHITE -----
2470 DATA 119,144,120,144,121,145,121.5,146,121,148,120,150,118,153
2480 DATA 116,156,113,159,111,159,110.5,158,111,157,113,155,115,151
2490 DATA 116.5,151,117.5,145,119,144,-1,.
2500 DATA 107,164,108,165,111,163,111.5,165,111,170,112,171,116,175
2510 DATA 113,175,110,174,109,174,107,170,106.5,167,107,164,-1,.
2520 DATA 130,160,131,158,132,158,133,160,132.5,162,131,163,130.5,164
2530 DATA 130,160,-1,.,203,180,205,178,208,180,-1,.
2540 DATA 134,180,133,177,132,173,131,166,131.5,165,133,164,133,163
2550 DATA 134,161,135,162,136,172,136.5,174,138,176,139.5,180,-1,.
2560 DATA 150,164,152,162,154,161,156,160.2,157,161,155,163,153,165
2570 DATA 153,166,156,164,153,167,152,168,151,170,-1,.
2580 DATA 161,180,160,179,160,178,162,177,165,177,167,176,169,172
2590 DATA 170,173,171.5,171,172,169,173,167.2,174,168,174,170,173,174
2600 DATA 171,178,170,180,-1,.
2610 DATA 209,165,210,166,211,168,210.5,170,213,172,213.5,173,213,174
2620 DATA 210.5,177,210,179,205.5,176,206,174,208,170,209,167,209,165
2630 DATA -1,.
2640 '
2650 '-------------------------------------------------------------------
2660 '
2670 '----- ﾐｷﾞ&ﾋﾀﾞﾘ ﾉ ｳﾃﾞ -----
2680 DATA 109.5,139.2,110.5,141,111,143,111,145,110,151,108.5,157,-1,.
2690 DATA 105,171,103,176,101,180,-1,.
2700 DATA 195,153,196.5,153.5,197,155,197,157,196,160,193,166,191,170
2710 DATA 190,172,188,176,186.5,180,777,.
2720 '
2730 '-------------------------------------------------------------------
2740 '
2750 '----- ｶﾐﾉｹ -----
2760 DATA 94,175,90,173,86,171,85,171,84.5,163,84.5,161,85,156,86,150
2770 DATA 87,147,88,144,89,141,91,138,-1,.
2780 DATA 88,143,86,147,85,149,84,152,82.5,158,82.5,163,83,169,81,168
2790 DATA 76,166,72,165,68.5,164,68,162,67.5,159,67.5,157,68,152,69,147
2800 DATA 70,144,72,138,74,134,77,128,80,124,83,120,86,116,88,112,83,116
2810 DATA 79,121,76,124,74,127,72,130,70,134,68,139,66,146,65,154,65,158
2820 DATA 66,163,65,163,62,164,60,166,59.5,167,58,160,57.5,157,57.5,156
2830 DATA 58,149,59,143,60,141,61,140,60,138,59,135,58.5,133,59,130
2840 DATA 60,127,63,121,65,118,69,114,70,113,75,109,84,103,94,98,100,95
2850 DATA 103,93,105.5,91,107.5,89,110,85,106,85,102,86,99,85,95,83
2860 DATA 92,80,90,77,90,78,89,77,87,74,86,72,85,68,84.5,64,84.5,63
2870 DATA 85,59,86,53,87,50,89,46,92,42.5,94,41,98,38,103,30.5,107,26
2880 DATA 110,24,117,19,121,18,126,15,131,13,137,12,141,11,145,10,148,10
2890 DATA 154,11,159,12.5,163,15,166,17,-1,.
2900 DATA 192.5,30,195,32,197,36,199,40,201,46,203,54,204,62,205,75
2910 DATA 205,79,204,90,203,96,202,102,200,110,198,116,196,121,193.5,125
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2920 DATA -1,.
2930 '----- アゴ",ホオ -----
2940 DATA 161,93,158,95,153,100.5,147,106,144,106.5,140,106,136,105
2950 DATA 133,104,130,103,128,102,126.5,100.5,125,100,123,96,120,92
2960 DATA 117,88,114,85,113,84,-1,.
2970 '----- マエガ"ミ -----
2980 DATA 113,84,114,83,112,82,110.5,81,108,79,113,80,115,79,111.5,76
2990 DATA 109.5,74,108,72,106.5,69,109.5,72,113,74,116,74,113.5,72,112,70
3000 DATA 111,68,109.5,65,109,63,112,68,114,70,117,72,121,73,119,71
3010 DATA 117,68,115.5,65,114,62,-1,.
3020 DATA 117,68,120,70,123.5,71,121,68,118,64,116,60,115,57,114.5,53
3030 DATA 114.5,52,117,53,117.5,52,118,52,119,50,121.5,52,123.5,55,125,58
3040 DATA 126.5,62,127.5,68,128.5,67,128.5,65,128,60,127,56,129,61,130,66
3050 DATA 130.5,68,133.5,68,134.5,67,135,63,135,57,136,61,136.5,65
3060 DATA 139.5,64,140.5,63,141,61,141.5,55,142.5,59,143.5,60,147,60
3070 DATA 149.5,59,151,55,151,59,154,61,156,61.5,157.5,61,159,60,159,61
3080 DATA 160,63,163,66,164,69,164.5,74,164.5,77,164,90,163,97,161,103
3090 DATA 164,104,166,104,167,100,168,93,168,90,-1,.
3100 DATA 168,92,168.5,96,168.5,97,168,103,170,104,173,103,177,101,-1,.
3110 '----- カミノケ ツケタシ -----
3120 DATA 65,130,66.5,125,68,122,70,119,73.5,115,80,109,85,106,92,103
3130 DATA 84.5,110,80,114,74.5,119,69.5,124,65,130,-1,.
3140 DATA 109.5,85,102,87,94,89,88,91,84,93,81,95,78,98,76,101,75.5,102
3150 DATA 77,103,79,101,83,97,88,94,98,90,104,88,106.5,87,109.5,85,-1,.
3160 '----- メ ミギ"&ヒダ"リ -----
3170 DATA 113,80,114,80,113.5,81,115,81,116,82,116.5,81,117,80,118,79
3180 DATA 123,78,126,79,127,80,128,82,128.5,84,128,86,126.8,87,124,88
3190 DATA 122.5,88,120.5,87,-1,.
3200 DATA 115,78,119,77,120,77,124,78,126,79,-1,.
3210 DATA 119,79,119.5,81,121,83,122.5,84,123.5,83,123,82,121,80,119.5,79
3220 DATA 120,79,123.5,81,125,81,126,80,-1,.
3230 DATA 126.5,80,126,82,126,83,127.5,85,-1,.
3240 DATA 126,87,124.5,86,123.5,85,123.5,84,125,84,127.5,85,-1,.
3250 DATA 155.5,65,156,63.2,155,64,152,63,149,63,146,64,141,66,140,67
3260 DATA 139,68,139.5,69,137.5,70,140,70,140.5,71,142,69,146,67,152,65
3270 DATA 155,65,156.5,67,157,69,157,71,156.5,73,156,74,155,75,152.5,77
3280 DATA 148.5,78,147,78,-1,.
3290 DATA 147,67,148,70,150,72,151,70,151,69,148.5,67,147.5,66,-1,.
3300 DATA 148,66,151.5,68,152,68,153.5,67,154.5,65,-1,.
3310 DATA 155,65,153.5,68.5,153.5,70,155,72,156,73,-1,.
3320 DATA 156,74,154,72,152,71,151,72.5,151,73,151.5,74,154,75,156,74
3330 DATA -1,.
3340 '----- ミミ -----
3350 DATA 175,72,173,69,169,62,169,60,169.5,58,170.5,57,172,58,173,59
3360 DATA 174.5,61,175,63,176,68,175.5,71,175,72,-1,.
3370 DATA 170,62,170.5,61,171,61,172,62,173,65,172.5,68,-1,.
3380 '----- ハナ -----
3390 DATA 130.5,85,130,87,129,88,-1,.
3400 DATA 129,89.5,130,90,132,91,133.5,92,-1,.
3410 '----- クチ -----
3420 DATA 137.5,95.5,139,96,140,95,142.5,95,-1,.
3430 DATA 139.5,98,140,99,141.5,99,-1,.
3440 '----- クビ",カタ -----
3450 DATA 144,107,145,113,145.5,116,145.5,118,145,122,144,124,142.5,125
3460 DATA -1,.
3470 DATA 145,115,143.5,117,142,118,133,120,119.5,123,-1,.
3480 DATA 177,101,177,105,179,111,182,116,185.5,120,190,124,196,127
3490 DATA 204,131,208.5,133,-1,.
3500 '----- ミギ" カタ&ウデ" -----
3510 DATA 126,142,124,140,121,136,119.5,133,118,129,118,128,118.5,125
3520 DATA 119.5,123,118.5,122,117,123,116,126,116,128,117,131,119,135
3530 DATA 117,139,115.5,140,113,138,111.5,137,110,136.5,108,137,106,139
3540 DATA 104,141,103,143,103.5,144,107,141,108,140,110,139,111,139
3550 DATA 113,140,116,143,116.5,142,119,138,120,137,122,140,125,144,-1,.
3560 DATA 116,125,113,126,110,128,108,130,105,134,104,138,104,141,-1,.
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3570 DATA 103.5,144,100,155,96.5,168,93,180,-1,.
3580 DATA 116,143,115,147,114,149,110,155,107,159,105,161,104,163,104,166
3590 DATA 105,171,106,174,107,176,107.5,178,107.5,180,-1,.
3600 DATA 107,176,109,175,110,175,113,176,116,177,119,177.5,122,177,-1,.
3610 DATA 107,177,110,177,117,179,121,179,-1,.
3620 '----- ﾋﾀﾞﾘ ｶﾀ&ｳﾃﾞ -----
3630 DATA 150,153,157,153,163,152,167,150,171,147,175,144,179,141,184,139
3640 DATA 191,136,195,135,204,133,209,133,211,134,214,136,215,137,210,135
3650 DATA 205,135,197,136,190,138,185,140,181,143,183,145,183.5,147
3660 DATA 183,153,184,154,185,154,189,152,196,150,198,150,201,151,206,154
3670 DATA 210,158,213,162,215,166,217,171,219,172,221,170,221,172,220,176
3680 DATA 216,175,215,174,213,170,211,165,210,163,208,160,204,156,201,154
3690 DATA 197,153,195,153,191,154,187,156,184,157,183,157,181.5,156
3700 DATA 180.5,154,181,150,181.5,148,181,146,179.5,145,178,145,175,147
3710 DATA 170,151,165,154,160,155,150,156,-1,.
3720 DATA 215,137,217,140,220,145,222,150,223,154,223.5,160,223,164
3730 DATA 222,167,221,170,-1,.
3740 DATA 217.5,176,214,180,-1,.
3750 DATA 183,157,183,158,181,164,179,168,176,173,172,180,-1,.
3760 DATA 151.5,179,155,180,-1,.
3770 '----- ﾘｮｳ ﾃ -----
3780 DATA 121,180,123,175,124,169,124.5,159,125,156,125,148,125.5,146
3790 DATA 125.5,144,126,142,126,140,127,135,127,133,128.5,130,129,127
3800 DATA 130,126,131.5,127,132.5,125,133,125,134,127,134,125,135.5,123
3810 DATA 136,123,136.5,124,137,122,138,121,139.5,122,140,123,140,122
3820 DATA 141,123,143,127,143,128,144,131,144,132,145,135,146,139
3830 DATA 146.5,141,147,142,147,145,149,143,151,142,151.5,143,151,146
3840 DATA 150,151,150,162,151.5,180,-1,.
3850 DATA 131,180,130,177,129,174,128,166,128,161,128.5,157,128.5,151
3860 DATA 128.8,147,128.8,146,128.5,145,129,142,129,137,130,130,131
3870 DATA 127,-1,.
3880 DATA 147,145,148.5,151,150,157,-1,.
3890 DATA 130.5,126,132,123,133,124,133.5,125,-1,.
3900 DATA 135,156,134.5,147,135,144,134,141,133,134,133.5,131,133.5,127
3910 DATA -1,.
3920 DATA 140,155,140,153,138.5,147,138.5,144,138,142,138,138,137,132
3930 DATA 137,127,136.5,124,-1,.
3940 DATA 145,153,144,147,144,145,143,141,143,139,141,131,141,127,140,123
3950 DATA -1,.
3960 DATA 124,175,124,177,125,178,127,179,129,179,-1,.
3970 DATA 125,156,126,158,127,158,130,156,132,156,134,157,136,155,138,156
3980 DATA 139,156,141,154,144,155,145,153,147,154,149,152,150,152,-1,.
3990 DATA 126,146,127,146,128.5,147,129.5,145,132,146,134,147,138,147
4000 DATA 140,146,144,147,144,146,147,145,-1,.
4010 DATA 126,142,127.5,143,132.5,141,134,142,135.5,141,138,142,140,140
4020 DATA 143,141,146,141,-1,.
4030 DATA 127,135,128,135,129.5,133,129,133,128.5,130,-1,.
4040 DATA 130,132,132,133,133,134,134,132,137,132,138,131,141,131,143,132
4050 DATA 144,132,-1,.
4060 DATA 130,131,132,130,133,129,134,130,135,129,136,127,137,127,138,126
4070 DATA 141,127,141,128,143,128,-1,.
4080 '----- ﾘﾎﾞﾝ -----
4090 DATA 166,17,168,20,170,26,173,33,175,36,176,37,180,34,185,29,190,30
4100 DATA 193,30,196,29,196.5,28,195,26,191,23,185,19,182,18,180,18
4110 DATA 175,16,172,15,171,15,168.5,16,166.5,17,-1,.
4120 DATA 163,15,165,14,170.5,15,-1,.
4130 DATA 169,16,170,17,173,21,174,22,174,20,172.5,18,-1,.
4140 '----- ｸﾋﾞｽｼﾞ -----
4150 DATA 169.5,108,169,112,-1,.,168.5,114,168,116,-1,.
4160 DATA 167.5,118,166,122,163.5,127,-1,.
4170 DATA 159,142,165,143,170,144,174,144,999,.
4180 '
4190 '-----------------------------------------------------------------
4200 'PAINT DATA
4210 DATA 120,55,3,120,84,4,145,70,4,171,59,3,125,125,3,110,138,2
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4220 DATA 125,82,4,110,80,3,111,67,3,118,124,2,110,130,6,105,150,5
4230 DATA 113,145,1,105,178,1,120,140,1,118,150,4,109,170,4,110,178,6
4240 DATA 117,178,2,109,175.5,2,126,170,1,127,150,2,127,144,1,128,140,2
4250 DATA 128,134,1,130,127,2,140,160,1,131,160,4,134,165,4,132,150,2
4260 DATA 132,144,1,132,137,2,132,132,1,132,128,2,132,124,2,137,153,2
4270 DATA 137,145,1,136,137,2,136,130,1,135,126,2,142,150,2,142,144,1
4280 DATA 140,135,2,139,129,1,138,124,2,146,150,2,145,143,1,144,137,2
4290 DATA 143,131,1,142,127,2,150,145,2,149.5,153,1,151,154,2,205,134,2
4300 DATA 200,135,2,195,136,2,186,139,2,175,150,1,152,164,4,170,175,4
4310 DATA 152,180,6,200,140,6,190,160,5,200,160,1,210,175,4,205,180,4
4320 DATA 154,165,1,108.5,72,3,166,15,9,180,20,9,999,.,.
4330 '
4340 '------------------------------------------------------------------
4350 'BACK & TITLE DATA
4360 '----- BACK -----
4370 DATA 0,10,85,68,223.5,162,250,180
4380 '----- PAINT -----
4390 DATA 40,15,8,200,15,8,5,20,7,76,115,7,230,175,7,89.2,105,7,999,.,.
4400 '----- BACK -----
4410 DATA 0,10,85,68,223.5,162,250,180
4420 '----- TITLE -----
4430 DATA 4,46,4,30,5,26,6.2,24,9,21,11,20,16,20,16,46,14,46,14,34,8,34
4440 DATA 8,32,14,32,14,22,12,22,9,24,7,26,6,30,6,46,4,46,-1,.
4450 DATA 20,46,20,44,23,44,30,37,21,29,21,27,28,20,32,20,32,22,29,22
4460 DATA 23,28,32,36,32,38,24,46,20,46,-1,.
4470 DATA 36,38,36,20,38,20,38,38,39,40,41,43,43,44,46,44,46,20,48,20
4480 DATA 48,46,42,46,39,44,37,41,36,38,-1,.
4490 DATA 52,46,52,20,54,20,54,33,57,33,60,31,62,28,62,20,64,20,64,28
4500 DATA 62,32,60,34,62,35,63,37,64,40,64,46,62,46,62,39,60,36,59,35
4510 DATA 54,35,54,46,52,46,-1,.
4520 DATA 68,46,68,30,69,26,72,22,75,20,80,20,80,46,78,46,78,34,72,34
4530 DATA 72,32,78,32,78,22,76,22,73,24,71,27,70,30,70,46,68,46,999,.
4540 '----- PAINT -----
4550 DATA 5,45,21,45,45,45,53,45,69,45,999,.
4560 '
4570 '------------------------------------------------------------------
4580 'SUB LINE DATA
4590 DATA 117.5,52,116.5,49,-1,.,119,70,117,68,115,65,114,62,-1,.
4600 DATA 128.5,60,127,56,-1,.,111.5,68,110,65,109.5,63,-1,.
4610 DATA 108.5,72,106.5,69,-1,.,168,94,168,90,-1,.
4620 DATA 86.5,147,89.2,141,91,138,-1,.,90,77,88,73,87,68,-1,.
4630 DATA 121,80,128,85,-1,.,125,82,126,80,-1,.
4640 DATA 149,67,151.8,69,155.8,73,-1,.,153,68,154.5,66,-1,.
4650 DATA 151.5,71,153,71,-1,.,135.2,59,135,57,777,.
4660 DATA 111.5,76,113,75,116,74,120,73.5,-1,.
4670 DATA 112,74,114,75,115,77,-1,.
4680 DATA 113.5,78,115,77,118,76,122,77,-1,.
4690 DATA 136,67,138,65,141,63,144,62,147,61,150,60.5,153,61,-1,.
4700 DATA 138,67,141,65,143,64,148,63,-1,.
4710 DATA 156,65,157,64,-1,.,141.5,60,141.5,62,-1,.
4720 DATA 142,58,142.8,62,-1,.
4730 DATA 115,52,116,58,119.5,64,122.5,68,-1,.
4740 DATA 120.5,51,122,54,124,60,125,64,-1,.
4750 DATA 122.5,53,124,57,125,60,126.5,65,-1,.
4760 DATA 171,65,172,65,173,66,-1,.,134,148,134,150,-1,.
4770 DATA 128,151,128,155,-1,.,128.8,137,128.8,141,777,.
4780 '
4790 '------------------------------------------------------------------
4800 '                         G A M E  O V E R
4810 '------------------------------------------------------------------
4820 '
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リスト続く

ブリザード プリンセス
美姫

PC—8801/mkII
小河俊之

キラキラ美姫ちゃんを再現しよう!

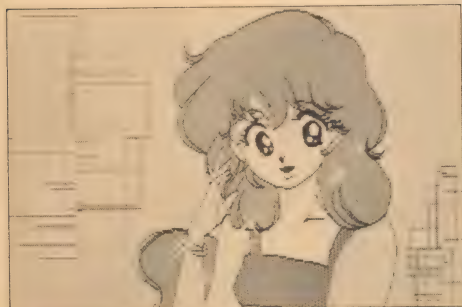
高橋留美子キャラが多い中、同じサンデーの「ブリザード　プリンセス」の美姫ちゃんのCGが届けられました。1984年6月号のCGギャラリーに掲載されたものです。原画のかわいさがそのままCGにうまく生かされていて良いできばえです。髪の色がきれいなのと、効果のキラキラ星(?)がうまく合っていて、よい演出になっています。

プログラムはペイントの境い目を消すところに重点を置いているようです。

肌の色は白と黄の交互のくり返しでペイントされており、トレスラインを2回、ラインスタイルと色を変えてかき直しています。それぞれ

白→パターン　&HAAAA
黄→パターン　&H5555

としています。これは、行番号1810行〜1950行で行っています。こういうやり方は手間がかかりますが、やってみるだけの価値はあるでしょう。

こうしてできたCGには、さらにオマケがついています。それは2070行から先の部分で、ランダムなボックスを描いています。ここで、ウインドーとビューポートを指定していることに注意してください。これは、せっかく描いた美姫ちゃんを消さないためで、2170行からのBOXコマンドは必ず指定されたビューポート内に描かれるのです。座標を発生させる乱数の方にいろいろ処理を加えて、指定エリア内にしか出現させないこともできますが、やり方としてはこの方がスマートです。特に2ヶ所からコールされていますが、そのたびに座標値のめんどうくさい計算をしないですんでしまうという利点もあります。

プログラムの方ですが、1300行からのデータのベタ書きはおいておくとして、1430行からのPAINT文のかたまりがちょっと目につきました。

座標値はなるべくプログラム中に書き込まないで、DATA文にするようにしましょう。また、各PAINT文のx座標に2がかけられているのもきれいではありません。たぶん実寸の値をそのまま書き込んで、画面の比率に合わせるために2をかけているのだと思います。FM—7等ならいざ知らず、PC—8801にはせっかくVIEW文とWINDOW文があるのだからそれらを使えば実寸をそのまま書き込め、ちゃんと画面内に収まるように指定できるのです。ウインドーとビューポートは相似でなくともかまわないのですから、それをうまく活用してやればよいのです。ただしN88-BASICでは、ウインドーとビューポートが相似であってもなくても、CIRCLE文の比較が変わってくれません。それでも、ただLINE文だけなら、CGをやる上ではそんなに大きな問題ではありません。

あと、速度が気になる場合、1140行の始めに〝OUT　104,0〟を、2340行のENDの前に〝WIDTH 80〟を入れると、テキスト画面がOFFになりスピードが1.5倍ほどになります。

ブリザードプリンセス　美姫　プログラムリスト

```
1000 ' ┌┬─────────────────────────────────────────────────────────────┐
1010 ' ├┼─────────────────────────────────────────────────────────────┼┐
1020 ' ││   Computer        <<<  P O P C O M  >>>          Graphics   ││
1030 ' ││            --------「 ﾏﾝｼﾞｮｳﾒ  ﾐｷ 」--------               ││
1040 ' ││  ｼｮｳｶﾞｸｶﾝ, ｼｮｳﾈﾝ ｻﾝﾃﾞｰ, ｽｽﾞﾐﾔ ﾜｺ  「 ﾌﾞﾘｻﾞｰﾄﾞ ・ ﾌﾟﾘﾝｾｽ 」  ││
1050 ' ││              ｷｼｭ ----> N E C  PC - 8801                    ││
1060 ' ││                 1984 年 2 月 12 日 (日)                    ││
1070 ' ││              By T.Ogawa   JJJ.PC-8801                      ││
1080 ' ├┼─────────────────────────────────────────────────────────────┼┤
1090 ' └┴─────────────────────────────────────────────────────────────┼┤
1100 '
1110 '***** SCREEN *****
1120 '
1130 CONSOLE 0,25,0,1:WIDTH 80,25:COLOR 7,0,0,7
1140 SCREEN 0,3:CLS 3:SCREEN 0,0
1150 FOR CC=0 TO 7:COLOR=(CC,CC):NEXT CC
1160 WINDOW (0,0)-(500,180):VIEW (20,0)-(619,199)
1170 '
1180 '***** DRAW LINE1 *****
1190 '
1200 READ X,Y:POINT (2*X,Y)
1210 READ X,Y
1220 IF X=-1  THEN 1200
1230 IF X=700 THEN 1200
1240 IF X=900 THEN 1310
1250 LINE -(2*X,Y),7
1260 GOTO 1210
1270 '
1280 '***** PAINTING *****
1290 '
1300 '----- ﾀｲﾙ DATA -----
1310 T0$=CHR$(&H0)+CHR$(&HFF)+CHR$(&H5D)+CHR$(&H0)+CHR$(&HFF)+CHR$(&HD5)
1320 T1$=CHR$(&H0)+CHR$(&HFF)+CHR$(&HA5)+CHR$(&H0)+CHR$(&HFF)+CHR$(&H5A)
1330 T2$=CHR$(&H0)+CHR$(&HFF)+CHR$(&HAA)
1340 T3$=CHR$(&HAA)+CHR$(&HFF)+CHR$(&HFF)
1350 T4$=CHR$(&HAA)+CHR$(&HFF)+CHR$(&HFF)+CHR$(&H22)+CHR$(&HFF)+CHR$(&HFF)
1360 T5$=CHR$(&HDF)+CHR$(&H0)+CHR$(&H0)+CHR$(&HFD)+CHR$(&H0)+CHR$(&H0)
1370 T6$=CHR$(&HFD)+CHR$(&H0)+CHR$(&HFD)+CHR$(&HDF)+CHR$(&H0)+CHR$(&HDF)
1380 T7$=CHR$(&HFD)+CHR$(&HFD)+CHR$(&HFD)+CHR$(&HDF)+CHR$(&HDF)+CHR$(&HDF)
1390 T8$=CHR$(&H0)+CHR$(&HAA)+CHR$(&H0)
1400 T9$=CHR$(&HAA)+CHR$(&HFF)+CHR$(&H55)
1410 TA$=CHR$(&HEE)+CHR$(&HFF)+CHR$(&HAA)
1420 '
1430 PAINT (2*120  ,40   ),T0$,7:PAINT (2*140  ,40   ),T1$,7
1440 PAINT (2*195  ,65   ),T2$,7:PAINT (2*200  ,100  ),T2$,7
1450 PAINT (2*140  ,90   ),T3$,7:PAINT (2*150  ,130  ),T3$,7
1460 PAINT (2*100  ,160  ),T3$,7:PAINT (2*190  ,150  ),T3$,7
1470 PAINT (2*120  ,170  ),T3$,7:PAINT (2*190  ,125  ),T4$,7  :'
1480 PAINT (2*150  ,105  ),T4$,7:PAINT (2*170  ,140  ),T4$,7:':'
1490 PAINT (2*140  ,130  ),T4$,7:PAINT (2*110  ,175  ),T4$,7:':'
1500 PAINT (2*150  ,150  ),T5$,7:PAINT (2*150  ,170  ),T6$,7
1510 PAINT (2*110  ,120  ),T3$,7:PAINT (2*117  ,113  ),T3$,7
1520 PAINT (2*113  ,93   ),T3$,7:PAINT (2*150  ,91   ),T8$,7
1530 PAINT (2*125  ,80   ),T3$,7:PAINT (2*178  ,67   ),T3$,7
1540 PAINT (2*175  ,74   ),T3$,7:PAINT (2*175  ,78   ),T3$,7
1550 PAINT (2*100  ,132  ),T7$,7:PAINT (2*131  ,94   ),T2$,7
1560 PAINT (2*170.5,82   ),T2$,7:PAINT (2*196.5,84   ),T0$,7
1570 PAINT (2*129.5,88   ),T1$,7:PAINT (2*110  ,140  ),T0$,7
1580 PAINT (2*90   ,140  ),T0$,7:PAINT (2*159.5,63   ),T3$,7
1590 PAINT (2*159.5,59   ),T3$,7:PAINT (2*178  ,71   ),T2$,7
1600 PAINT (2*175.5,67   ),T2$,7:PAINT (2*108.5,89   ),T2$,7
1610 PAINT (2*121  ,94   ),T3$,7:PAINT (2*145.5,119  ),T4$,7 :'
1620 PAINT (2*193.5,82   ),T2$,7:PAINT (2*125  ,140  ),T4$,7 :'
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1630 PAINT (2*140  ,75   ),  7,7:PAINT (2*140  ,81   ),  7,7
1640 PAINT (2*142.5,80   ),  7,7:PAINT (2*160  ,65   ),  7,7
1650 PAINT (2*170  ,72   ),  7,7:PAINT (2*165  ,70   ),  7,7
1660 PAINT (2*163  ,75   ),  7,7:PAINT (2*165.5,76   ),  7,7
1670 PAINT (2*167  ,65   ),  7,7:PAINT (2*133  ,75   ),  7,7
1680 PAINT (2*113  ,125  ),TA$,7:PAINT (2*119.5,114  ),TA$,7
1690 PAINT (2*117  ,107  ),TA$,7:PAINT (2*40   ,170  ),TA$,7
1700 '
1710 '***** DRAW LINE2 *****
1720 '
1730 RESTORE 2700
1740 READ X,Y:POINT (2*X,Y)
1750 READ X,Y
1760 IF X=-1  THEN 1740
1770 IF X=900 THEN 1830
1780 LINE -(2*X,Y),0
1790 GOTO 1750
1800 '
1810 '***** DRAW SHADOW LINE *****
1820 '
1830 RESTORE 2470
1840 C1=2:C2=6:GOSUB 1890:GOSUB 1890:GOSUB 1890
1850 C1=7:C2=6:GOSUB 1890:GOSUB 1890:GOSUB 1890:GOSUB 1890:GOSUB 1890
1860 '
1870 GOTO 1990
1880 '
1890 READ X1,Y1
1900 READ X2,Y2
1910 IF X2=-1 OR X2=700 THEN RETURN
1920 LINE (2*X1,Y1)-(2*X2,Y2),C1,,&HAAAA
1930 LINE (2*X1,Y1)-(2*X2,Y2),C2,,&H5555
1940 X1=X2:Y1=Y2
1950 GOTO 1900
1960 '
1970 '***** DRAW LINE3 *****
1980 '
1990 RESTORE 4010
2000 READ X,Y:POINT (2*X,Y)
2010 READ X,Y
2020 IF X=-1  THEN 2000
2030 IF X=900 THEN 2090
2040 LINE -(2*X,Y),0
2050 GOTO 2010
2060 '
2070 '***** RANDOM BOX *****
2080 '
2090 SCREEN 0,0
2100 WINDOW (0,0)-(639,199):VIEW (22,2)-(210,160):GOSUB 2130
2110 VIEW (520,100)-(617,197):GOSUB 2130:GOTO 2240
2120 '
2130 RANDOMIZE (-800)
2140 '
2150 X=320:Y=99
2160 FOR K=1 TO 50
2170 X1=INT(RND*639):Y1=INT(RND*199):CC=(INT(RND(1)*6+1))
2180 LINE (X,Y)-(X1,Y1),CC,B
2190 NEXT K
2200 RETURN
2210 '
2220 '***** FLASH *****
2230 '
2240 WINDOW (0,0)-(500,180):VIEW (20,0)-(619,199)
2250 READ X1,Y1,X2,Y2
2260 IF X1=900 THEN 2320
2270 LINE (2*X1,Y1)-(2*X2,Y2),7
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2280 GOTO 2250
2290 '
2300 '***** ENDING *****
2310 '
2320 IF INP(9)<>191 THEN 2320
2330 '
2340 ::::::::: END ::::::::::
2350 '
2360 '
2370 '-----------------------------------------------------------------------
2380 '
2390 '----- ﾐｷﾞﾒ (ｶｹﾞ) -----
2400 DATA 141,83,140,83,136.5,82,133.5,80,132,77,132,75,132.5,72,135,69
2410 DATA 136,68.5,139,69,141,70,143,73,143.5,75,144,78,-1,.
2420 '----- ﾋﾀﾞﾘﾒ (ｶｹﾞ) -----
2430 DATA 160,76,158.5,72,158,68,158,67,158.5,65,160,64,162,63,163,63
2440 DATA 166.5,64,169,66,170,68,171,70,171,72,170,75,168.5,77,-1,.
2450 DATA 162,76,161.5,75,162,74,163.5,74,164,75,163.5,76,162,76,-1,.
2460 '----- ｶｹﾞ (ｶﾐ) -----
2470 DATA 141,63,140,59.5,136,54,132,51,131,49,129,45,128.5,41,128.5,37
2480 DATA 127.5,42,126.5,39,127,36,129,31,132,26,135,23,137,22,131,25
2490 DATA 128,28,131,23,136,19,142.5,16,147,14,151,11,156,9,160,8.5
2500 DATA 165,9,169,10,170.5,11,-1,.
2510 DATA 176.5,17,180,18,183,20,187,25,188,30,188,35,189,40,191,47
2520 DATA 193,53,194.5,59,193,56,190,53,193,59,194,64,194,69,193.5,74
2530 DATA 192.5,79,-1,.
2540 DATA 191,80,190,83,190.5,86,193.5,90,196,94,197,98,197.5,104
2550 DATA 197,111,195.5,117,193.5,120,-1,.
2560 '----- ｶｹﾞ (ｸﾋﾞ) -----
2570 DATA 168,92,161,99,156.5,104,152,110,149,115,146,119,143.5,123
2580 DATA 143,125,142.5,126.5,143,130,144.5,133,148,136,152,137,-1,.
2590 DATA 159,139,163,139,167,138,171,135,173,132,-1,.
2600 '----- ｶｹﾞ (ｶﾀ) -----
2610 DATA 201.5,118.5,197.5,123,192.5,128,189,131,185.5,135,181.5,140
2620 DATA 179,145,177,151,175,159,174,166,173,175,172,180,-1,.
2630 '----- ﾜｷ -----
2640 DATA 130.5,133,129,130,127,128,125.5,128,125,133,124,138,122,146
2650 DATA 122,151,-1,.
2660 '----- ｶｹﾞ (ﾋｼﾞ) -----
2670 DATA 107.5,160,109,162,110,166,111,172,111.5,180,700,.
2680 '-----------------------------------------------------------------------
2690 '----- ｳﾃﾞ (ﾐｷﾞ) -----
2700 DATA 86,180,88,171,90,162,92,153,94,144,95,138,96.5,131,-1,.
2710 DATA 107,180,106.5,160,106,137,-1,.
2720 '----- ﾃ. ﾃｸﾋﾞ. ﾕﾋﾞ -----
2730 DATA 98,124,99,121,102,116,104,112,108,105,109,102.5,110,99,111,95
2740 DATA 113,89,114,86,115,83,116.5,80,117.5,79,118,80
2750 DATA 117.5,82,116,87,114.5,91,-1,.
2760 DATA 106,132,107,126,107,125.5,108.5,125,110,124,111.5,122.5
2770 DATA 113,121,114,118,114.5,115,114,111,113.5,109,113,106,113,105
2780 DATA 113.5,101,114.5,99,116,97,119,94,120.5,92,121,91,121,90,118,92
2790 DATA 115,94,112.5,96,111,97.5,110,99,-1,.
2800 DATA 113,121,115.5,119,117,117,118,115,119,113,121,110,123,107
2810 DATA 124.5,105,125,104,125,102,124,102,121,104,119,106,117,109
2820 DATA 116,104,116,102,116.5,100,118.5,97,120,96,121.5,94,122,93
2830 DATA 119,94,-1,.
2840 DATA 114.5,91,117,89,120,86,121.5,84.5,121.5,86,121,88,118,92,-1,.
2850 '----- ｶﾀ (ﾐｷﾞ) -----
2860 DATA 106.5,161,108,158,110,152,111,147,112,142,113,133,113.5,130
2870 DATA 114,127,115,123,116,120,117.5,117,119,115,120,114.5,-1,.
2880 '----- ｶﾀ (ﾋﾀﾞﾘ) -----
2890 DATA 197.5,180,197.5,176,198,172,200,164,202,157,204,150,205,145
2900 DATA 206,137,206,133,205.5,127,204.5,123,202.5,119,200,116,-1,.
2910 DATA 170,180,170,171,171,160,173,148,175,141,178,135,182,128
2920 DATA 186,123,-1,.
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2930 '----- ｼｬﾂ -----
2940 DATA 130,180,129,176,127,170,126.5,167,126,164,-1,.
2950 DATA 131,169,127,165,124,161,122.5,158.5,122,156,122,154,122,153
2960 DATA 123,150,124,147,127,141,128,137,127.5,133,127,130,-1,.
2970 DATA 128,137,131,136,130.5,130,131,123,-1,.
2980 DATA 137,124,136.5,127,137,133,137.5,136.5,144,137,152,138,157,139
2990 DATA 166,141,171,143,172,137,173,133,174,130,176,126,178.5,122,-1,.
3000 DATA 126,164,145,165,154,166,163,168,170,170,-1,.
3010 '----- ｱｺﾞ. ﾎﾎ -----
3020 DATA 169,87,167,90,163.5,94,160,97,155,100,152,101.5,146,100
3030 DATA 141,98,137.5,96,135,94,132,90,130,86,128,82,126,79,123.5,76
3040 DATA 121,74,-1,.
3050 '----- ｸﾋﾞ -----
3060 DATA 145,100,146,103,147,109,147,112,-1,.
3070 DATA 165,105,166,106,166,107,165,110,163,114,159,119,162,118
3080 DATA 164,117.5,168,118,170,118,-1,.
3090 '----- ｶﾐﾉｹ -----
3100 DATA 169,87,168,92,167,97,167,99,168,105,170,111,174,118,176,120
3110 DATA 179,122,183,123,186,123,190,122,192.5,121,195,120,198,118.5
3120 DATA 201,115,203,110,204,105,203.5,99,201,94,198,89,195,86
3130 DATA 194,85,192.5,84,191,81,191,79,192,76,193,73,-1,.
3140 DATA 191,80,192,82,194,84,197,85,199,84,202,80,199,83,197,83
3150 DATA 194,82,192,79,192,77,193,73,-1,.
3160 DATA 193,81,197,79,200,75,201,72,202,68,202,67,201,60,200,57
3170 DATA 198,53,196,50,194,47,193,45,192,42,192,40,192,37,192,35
3180 DATA 191,29,190,26,189,24,186,20,182,17,180,16,178,15.5,177,15.5
3190 DATA 176,17,-1,.
3200 DATA 145,108,146,109,147,112,147,114,146.5,117,144,120,142,121
3210 DATA 141,123,139,123,137,124,136,124,134,123,132,123,129,123
3220 DATA 127,122,125,122,122,121,121,119,120.5,115,122,109,-1,.
3230 DATA 118,107,117,106,116,103,-1,.
3240 DATA 112,91,110,89,109,87,109,84,109,87,109.5,91,110.5,93,109.5,93
3250 DATA 108,91,107.5,89,108,85,109,81,112,76,116,70,-1,.
3260 DATA 109,82,105,81,102,80,99,78,96,75,94,70,93.5,65,94,61,95,58
3270 DATA 97,55,102,49,111,39,-1,.
3280 DATA 95.5,57,93,55,91,50,91,48,92,43,93,41,95.5,38,100,34,103,32
3290 DATA 107,29,103.5,32,100,31,97.5,29,96.5,26,96.5,25,97,22,98,19
3300 DATA 100,16,-1,.
3310 DATA 97,22,97.5,25,99,27,101,28,102,28,106,27,108,25,111.5,21
3320 DATA 115,18,117,17,120,16,122,16,126,13,131,10,139,6,146,4
3330 DATA 152,3,155,3,162,4,164,5,168,8,171,11,173,14,174,16,-1,.
3340 DATA 164,5,168,6,171,8,174,10,176,14,176,17,-1,.
3350 '----- ﾏｴｶﾞﾐ -----
3360 DATA 120.5,73,122,70,123,65,122,61,121,57,121,55,122,51,-1,.
3370 DATA 123,63,126,64,127,64,129,63,130,62,128,60,127,58,126,55
3380 DATA 127,57,130,60,133,61,136,60,134,59,131.5,56,131,50,-1,.
3390 DATA 141,62,141.5,65,141,68,142.5,65,143,63,142.5,60,141,54
3400 DATA 140,52,137,49,-1,.
3410 DATA 141,54,144,60,145,64,145,66,143.5,70,147,68,148,67,150,64
3420 DATA 151,60,151,58,150.5,53,149,49,150.5,53,153.5,57,156,59
3430 DATA 159,60,157,57,156,55,155,51,154,48,153,45,151,42,149.5,41,-1,.
3440 DATA 155,51,157,55,158.5,57,161,59,164,61,167,62,169,62,172,61,-1,.
3450 DATA 171,62,172.5,64,173.5,65,176,66,179,65,-1,.
3460 DATA 174,65,175,68,177,69,179,69.5,181,69,-1,.
3470 DATA 178,70,180,71,183,71,184,70,183,71,181,72,179,72,176,71
3480 DATA 174,69,174,67,-1,.
3490 DATA 174,70,174,72,173,78,172,81,169,87,-1,.
3500 '----- ﾐﾐ (ﾐｷﾞ) -----
3510 DATA 122,75,121.5,76,121.5,77,122,80,124,83,127,86,129,87,-1,.
3520 DATA 129,84,129,87,128,90,126,92,129,90,130.5,88,-1,.
3530 DATA 129,90,129,93,130,96,132.5,99,135,100,137,100.5,139,100
3540 DATA 135.5,99,133.5,97,133,94,133,92,-1,.
3550 '----- ﾐﾐ (ﾋﾀﾞﾘ) -----
3560 DATA 178,66,180,67,180,71,-1,.
3570 DATA 179.5,73,178,77,175,80,173,82,171,83,-1,.
3580 DATA 175,65,177,68,181,69, 1,.
```

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3590 DATA 177.5,73,176,75,174,77,173,78,172,80,169.5,81,168.5,81
3600 DATA 168,80,168,82,169,83,171,83,-1,.
3610 '----- ﾒ (ﾐｷﾞ) -----
3620 DATA 142,83,141,83,139,82,137,81,135,78,134.5,75,135,72,137,71
3630 DATA 139,71,140.5,72,141.5,73,142.5,75,144,79,144,80,143,82
3640 DATA 142,83,-1,.
3650 DATA 138,76,138,73,139,72,140.5,73,142,75,142.5,77,142.5,78
3660 DATA 141.5,79,141,79,139.5,78,138,76,-1,.
3670 '----- ﾒ (ﾋﾀﾞﾘ) -----
3680 DATA 164,79,161,78,160,76,159.5,73,159,70,159.5,68,161,66,163,65
3690 DATA 165,65,167,66,168.5,68,169,70,169,72,168.5,75,168,77,167,78
3700 DATA 164,79,-1,.
3710 DATA 164,73,163,72,162.5,70,163,67,164,66,165,66,166,67,167,68
3720 DATA 167.5,70,167,72,166,73,164,73,-1,.
3730 '----- ﾏﾕ (ﾐｷﾞ) -----
3740 DATA 131,78,130.5,78,129,76,128.5,74,129,72,130,70,132,67,134,65
3750 DATA 135,65,137.5,66,140,68,140.5,69,139.5,69,138.5,68,136,67
3760 DATA 134,67,132,69,131,71,130,74,130.5,76,131,78,-1,.
3770 '----- ﾏﾕ (ﾋﾀﾞﾘ) -----
3780 DATA 156,64,157,62,158,61,159,60,161,60,164,61,169,64,171.5,66
3790 DATA 172.5,67,172.5,69,172,71,171,71,171,69,170.5,67,167,64,163,62
3800 DATA 161,61.2,159,62,157.5,65,157,64,156,64,-1,.
3810 '----- ﾋﾄﾐ (ﾐｷﾞ) -----
3820 DATA 138.5,80,139,79,140,79,141,80,141,81,140,82,139,81,138.5,80,-1,.
3830 DATA 142.5,81,142,80,142,79,143,79,143.5,80,143,81,142.5,81,-1,.
3840 '----- ﾋﾄﾐ (ﾋﾀﾞﾘ) -----
3850 DATA 165.5,77,164.5,76,164.5,75,166,75,166.5,76,165.5,77,-1,.
3860 '----- ﾊﾅ  -----
3870 DATA 150,84,148.5,85,147.5,84.2,147,86,149.5,88,148.5,85,-1,.
3880 '----- ｸﾁ -----
3890 DATA 147,90,151,89.5,155,89.5,153,91,151,92,150,92,148,91,147,90,-1,.
3900 '----- ﾘﾝｸﾞ -----
3910 DATA 96,131,95.5,129,95,128,96,126,96.5,125,98,124,99,127,101,130
3920 DATA 103,131,106,132,107,130,108,131,108.5,132,108.5,134,108,136
3930 DATA 107,137,104,137,101,136,98.5,134,96,131,-1,.
3940 '----- ｶﾐ (ﾊﾞｯｸ) -----
3950 DATA 114,128,112,127,108,126,-1,.
3960 DATA 98.5,123,94,123,87,124,81,126,78,128,75,131,73,134,72,138
3970 DATA 72,141,73,145,77,151,81,154,83,156,83.5,159,83,163,80.5,166
3980 DATA 76,169,71,171,69,173,67,176,67,177,68,180,900,.
3990 '-------------------------------------------------------------
4000 '----- ｶﾐ, etc. -----
4010 DATA 104,47,99,56,97,62,96.5,65,97,69,98,72,100.5,76,105,80
4020 DATA 109,82,-1,.
4030 DATA 96,30,98,32,100,33,103,32,-1,.
4040 DATA 197,54,199,58,200,62,200,65,199.5,70,198,75,196,79,193,81,-1,.
4050 DATA 195,86,198,86,200,85,-1,.
4060 DATA 180,96,179,98,178,102,179,107,181,112,184,116,188,119
4070 DATA 192.5,121,-1,.
4080 DATA 179,98,177.5,103,178,107,179,111,181,114,184.5,118,188,120
4090 DATA 192.5,121,-1,.
4100 DATA 175,103,174,106,174,108,175,112,177,116,182,120,187,122
4110 DATA 190,122,-1,.
4120 DATA 169,87,167,92,166,96,165.5,100,166,105,168,110,170.5,114
4130 DATA 174,118,-1,.
4140 DATA 144,110,144.5,114,144,118,142,121,140,122,-1,.
4150 DATA 134,116,135,120,137,122,139,123,-1,.
4160 DATA 134,116,133,118,133,119,134,122,136,123,139,123,-1,.
4170 DATA 132.5,121,134,123,-1,.
4180 DATA 128,102,126,107,125.5,112,127,117,128,121,131,123,-1,.
4190 DATA 126,107,125,110,124.5,115,125,119,127,122,-1,.
4200 DATA 128,95,125.5,99,124,102,-1,.
4210 DATA 126,86,126,88,125,91,123,95,120,99,119,102,118,106,-1,.
4220 DATA 126,86,125,89,123,92,121.5,95,119,98,118,101,117.5,103
4230 DATA 118,107,-1,.
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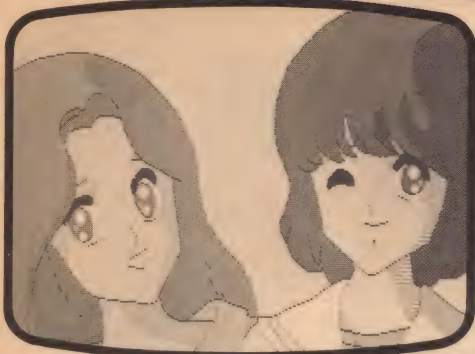
4240 DATA 116,97,115,99,114.5,101,-1,.
4250 DATA 114,92,114,94,-1,.
4260 DATA 87,124,83,126,79,129,76,132,74,135,73,139,74,143,76.5,147
4270 DATA 80.5,151,83.5,154,84.5,158,83,163,-1,.
4280 DATA 76,169,72,172,70,175,69,177,69,178,69.5,180,-1,.
4290 DATA 98,123,94,122,92,122,87,123,82,124,78,126,74,129,71,134
4300 DATA 70,139,70,140,71,145,73,148,77,151,81,155,82,157,82,159
4310 DATA 81,162,77,166,72,169,70,170,67.5,172,66,174,65.5,176
4320 DATA 66.5,180,-1,.
4330 DATA 121,74,120,76,120,77,121,79,-1,.
4340 DATA 120,64,121,66,121,68,120,71,117,72,115,71,-1,.
4350 DATA 121,62,121.5,65,121.5,67,121,70,120,72,117,74,-1,.
4360 DATA 123,63,124,65,124.5,67,124,69,122.5,72,120.5,73,-1,.
4370 DATA 122,61,124.5,62,123,60,122.5,57,122.5,56,123,52,123,57
4380 DATA 125,61,129,63,-1,.
4390 DATA 124.5,52,124,54,125,58,126,60,-1,.
4400 DATA 128,51,128,53,128.5,57,130,60,-1,.
4410 DATA 144,60,144,62,143.5,66,142,68,-1,.
4420 DATA 151,59,151,61,150.5,66,148,69,-1,.
4430 DATA 172.5,54,174,57,176.5,59,180,58,-1,.
4440 DATA 170,53,171.5,56,174,58,176,59,-1,.
4450 DATA 162,43,163,45,163.5,50,164,54,165,56,167,58,172,61,175,61,-1,.
4460 DATA 163.5,50,165,54,167,56,169.5,58,172,59,174,59,177,58,-1,.
4470 '----- ﾏﾂｹﾞ -----
4480 DATA 138,83,137,84,-1,.,142,83,139,83,138,84,-1,.
4490 DATA 162,79,166,79,167,78,169,78,-1,.,168.5,77,170,77,-1,.
4500 '----- ｸﾁﾉ ｼﾀ -----
4510 DATA 149.5,95,151,96,154.5,94,-1,.
4520 '----- ﾏﾂｹﾞ -----
4530 DATA 130,78,128,79,-1,.,128.5,76,125,77,-1,.
4540 DATA 128.5,74,127,75,125,74,-1,.,129,72,127,72,125,71,-1,.
4550 DATA 129.5,70,127.5,69,-1,.
4560 DATA 156,64,153,64,-1,.,157,62,156,62,154,61,-1,.
4570 DATA 172,70,174.5,71,-1,.,173,69,176,69,-1,.
4580 DATA 172,66,173.5,66,176,65,-1,.,169.5,64,171,64,173,63,-1,.
4590 DATA 167,63,171,62,-1,.
4600 '----- ﾘﾝｸﾞ -----
4610 DATA 98,124,98,128,97,130,95.5,130,97,130,100,134,100,135,100,134
4620 DATA 102.5,134,103,131,102.5,134,105,134,106,132,108.5,133,105,134
4630 DATA 106,135,106,137,-1,.
4640 '----- ﾏﾌﾞﾀ -----
4650 DATA 129,71,130,68,131,68,132,65,-1,.
4660 DATA 156,62,158,60,-1,.,162,59,165,60,168,62,-1,.
4670 DATA 129,63,130,64,133,65,136,63,135,63,131,61,133,63,136,64
4680 DATA 139,62,-1,.
4690 '----- ﾏﾕ -----
4700 DATA 123,67,126,63,128,61,132,59,134,59,138,60,140,62,141,64
4710 DATA 141.5,66,141,67,-1,.
4720 DATA 135,59,138,61,139,62,140,64,140,65,139.5,66,-1,.
4730 DATA 155,55,157,54,158,54,163,55,167,57,169,58,172,60,174,62,900,.
4740 '----- ﾌﾗｯｼｭ -----
4750 DATA 92,128,96,135,89,135,97,128,88,140,103,126,92,123,102,138
4760 DATA 105,144,112,154,104,153,113,146,126,134,135,128,129,126,133,134
4770 DATA 126,123,137,115,128,115,135,125,175,93,178,99,174,96,180,91
4780 DATA 174,98,180,94,175,89,179,96,182,83,190,79,186,76,190,84
4790 DATA 900,.,.,.,.
4800 '
4810 '-------------------- G A M E  O V E R --------------------------
4820 '                                                    By.JJJ
```

みゆき

PC—8801/mkII

村井忠雄

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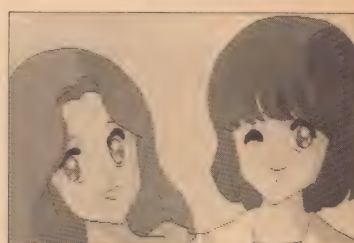
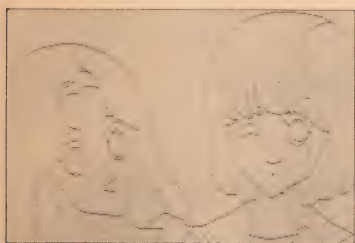
他のキャラにもいろいろ挑戦してみて下さい。

作者のプロフィール

「マイコン歴１年２ヶ月。このＣＧはコンピュータを買ったときからやってみたいと思ってました。今、機械語をマスターしたいと思っているのですが、ゲームの方へとすぐ手が出てしまい、まだまだです」

みゆき　プログラムリスト

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100 '┌──────────────────────────────────────────────────────┐
110 '│                                                      │
120 '│        MIYUKI.WAKAMATHU                              │
130 '│                            and                       │
140 '│                                  MIYUKI.KASHIMA      │
150 '│                                                      │
160 '│      Copyright by TADAON    for PC-8801     1984年5月7日 (月) │
170 '│                                                      │
180 '└──────────────────────────────────────────────────────┘
200 '┌──────────┐
210 '│ ショキ セッテイ │
220 '└──────────┘
230 CONSOLE 0,25,0,1:WIDTH 80,20
240 SCREEN 0,3:CLS 2:SCREEN 0,0
250 COLOR 7,7,0:CLS 2:COLOR 7,0,0
```

リスト続く

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255 WINDOW(0,0)-(639,199)
260 ' ┌───────┐
270 ' | リンカクセン |
280 ' └───────┘
290 READ X,Y:IF X=999 AND Y=999 THEN 1000
300 PSET (X,Y),0
310 READ X,Y:IF X=0 AND Y=0 THEN 290
320 LINE-(X,Y),0
330 GOTO 310
340 ' ┌──────┐
350 ' | ペイント |
360 ' └──────┘
370 'TILE DATA
380 H1$=CHR$(&H0)+CHR$(&H11)+CHR$(&H0)+CHR$(&H0)+CHR$(&H44)+CHR$(&H0)
390 H2$=CHR$(&H0)+CHR$(&HAA)+CHR$(&H0)+CHR$(&H0)+CHR$(&H55)+CHR$(&H0)
400 H3$=CHR$(&HAA)+CHR$(&H0)+CHR$(&H0)+CHR$(&H55)+CHR$(&H0)+CHR$(&H0)
410 H4$=CHR$(&HFF)+CHR$(&H0)+CHR$(&H0)
420 F1$=CHR$(&HAA)+CHR$(&HFF)+CHR$(&HAA)+CHR$(&H0)+CHR$(&HFF)+CHR$(&HAA)
430 F2$=CHR$(&HAA)+CHR$(&HFF)+CHR$(&HFF)+CHR$(&H55)+CHR$(&HFF)+CHR$(&HFF)
440 W1$=CHR$(&HAA)+CHR$(&H0)+CHR$(&HFF)
450 W2$=CHR$(&HFF)+CHR$(&H0)+CHR$(&HAA)
460 W3$=CHR$(&HAA)+CHR$(&HFF)+CHR$(&H0)
470 W4$=CHR$(&HFF)+CHR$(&HAA)+CHR$(&H0)
480 W5$=CHR$(&H55)+CHR$(&HAA)+CHR$(&H0)
490 W6$=CHR$(&H11)+CHR$(&H11)+CHR$(&HFF)
500 'PAINTING POINT
510 PAINT(550,50),H1$,0:PAINT(475,70),H1$,0
520 PAINT(550,50),H1$,0:PAINT(475,70),H1$,0
530 PAINT(450,30),H2$,0
540 PAINT(150,40),H3$,0:PAINT(125,100),H3$,0:PAINT(100,155),H3$,0
550 PAINT(150,60),H3$,0
560 PAINT(100,40),H4$,0
570 PAINT(540,110),F1$,0:PAINT(490,90),F1$,0:PAINT(495,85),F1$,0
580 PAINT(500,150),F1$,0:PAINT(440,180),F1$,0:PAINT(150,105),F1$,0
590 PAINT(135,100),F1$,0:PAINT(110,135),F1$,0:PAINT(200,89),F1$,0
600 PAINT(230,100),F1$,0:PAINT(200,175),F1$,0
610 PAINT(440,75),F2$,0:PAINT(470,100),F2$,0:PAINT(470,160),F2$,0
620 PAINT(412,88),F2$,0:PAINT(150,80),F2$,0:PAINT(180,180),F2$,0
630 PAINT(500,90),0,0:PAINT(430,100),0,0:PAINT(210,98),0,0:PAINT(130,115),0,0
640 PAINT(470,190),W1$,0:PAINT(470,195),W1$,0
650 PAINT(440,190),W2$,0:PAINT(440,195),W2$,0
660 PAINT(470,190),W1$,0:PAINT(470,195),W1$,0
670 PAINT(550,180),W2$,0:PAINT(590,195),W2$,0
680 PAINT(370,190),W3$,0:PAINT(550,198),W3$,0
690 PAINT(590,190),W4$,0
700 PAINT(330,195),3,0:PAINT(620,195),W5$,0
710 PAINT(300,170),W2$,0:PAINT(140,196),W2$,0
720 PAINT(330,180),W6$,0
730 PAINT(270,195),5,0:PAINT(127,195),5,0
740 PAINT(270,195),5,0:PAINT(127,195),5,0
750 PAINT(510,100),H2$,0
760 PAINT(210,110),H3$,0:PAINT(130,125),H3$,0
770 ' ┌──────┐
780 ' | シュウセイ |
790 ' └──────┘
800 READ C:IF C=0 THEN 810
810 READ X,Y:IF X=999 AND Y=999 THEN 860
820 PSET (X,Y),C
830 READ X,Y:IF X=0 AND Y=0 THEN 800
840 LINE-(X,Y),C
850 GOTO 830
860 ' ┌────┐
870 ' | ホシ |
880 ' └────┘
890 READ X,Y,R:IF X=0 AND Y=0 AND R=0 THEN 1030
900 CIRCLE(X,Y),R,7
910 PAINT(X,Y),7,7
920 GOTO 890
1000 C$=CHR$(&HAA)+CHR$(&H55)+CHR$(&HFF)+CHR$(&HFF)+CHR$(&H55)+CHR$(&HFF)
1010 PAINT(320,10),C$,0
1020 GOTO 340
1030 GOTO 1030
```

```
2000 'MIYUKI.WAKAMATSU
2010 'ｶｵ ﾉ ﾘﾝｶｸ
2020 DATA 397,97,400,100,403,105,405,110,408,115,410,120,412,125,413,130
2030 DATA 414,132,421,135,460,152,464,153,470,153,480,150,490,147,500,144
2040 DATA 510,142,520,139,530,136,535,130,540,125,543,120,547,115,549,110
2050 DATA 551,105,552,102,0,0
2055 'ﾌｸ
2060 DATA 386,94,390,96,395,97,397,97,400,97,408,95,410,93,0,0
2070 DATA 395,90,400,92,408,93,410,93,414,93,412,90,410,88,408,85,406,80
2080 DATA 405,77,0,0
2090 DATA 408,85,410,86,415,88,420,90,430,92,438,91,435,90,431,85,430,83
2100 DATA 429,80,428,75,429,70,429,69,0,0
2110 DATA 430,83,433,85,435,87,440,88,446,89,452,89,450,88,446,85,440,80
2120 DATA 438,75,437,70,440,65,440,70,442,75,446,80,450,83,453,85,457,86
2130 DATA 460,87,464,87,0,0
2140 DATA 450,75,452,78,455,80,460,84,461,85,464,87,470,88,480,89,490,88
2150 DATA 498,87,494,85,490,81,489,80,487,75,483,70,481,65,480,60,0,0
2160 DATA 487,75,490,78,492,80,500,85,507,87,510,88,517,90,520,91,526,92,0,0
2170 DATA 518,85,520,87,524,90,526,92,530,94,532,95,540,98,545,100,550,102
2180 DATA 560,103,555,100,550,96,549,95,545,90,540,85,0,0
2190 DATA 422,158,420,157,417,155,412,150,409,145,409,145,410,137,0,0
2200 DATA 412,150,403,145,400,142,397,135,396,132,0,0
2210 DATA 412,150,410,151,400,151,395,151,390,149,385,147,380,145,375,142
2220 DATA 373,140,372,137,372,135,373,132,374,130,380,125,0,0
2230 DATA 372,137,369,135,364,130,363,127,363,125,365,123,367,120,370,117
2240 DATA 371,115,374,110,375,107,375,105,374,103,373,100,370,96,365,90
2250 DATA 361,85,359,80,358,75,358,70,359,63,360,58,362,55,365,50,368,45
2260 DATA 370,43,372,40,379,35,388,30,390,28,396,25,400,23,405,20,410,18
2270 DATA 417,15,420,14,430,11,440,8,450,7,460,6,470,5,500,5,520,6,530,7
2280 DATA 540,8,550,9,560,12,566,14,570,15,581,20,589,25,596,30,601,35
2290 DATA 610,45,612,48,613,50,618,55,619,60,620,65,620,70,619,75,619,80
2300 DATA 616,85,612,90,608,95,607,100,606,105,606,110,608,115,610,117
2310 DATA 612,120,617,125,616,130,610,139,609,135,0,0
2320 DATA 601,123,603,125,608,130,609,135,604,140,600,143,593,148,590,149
2330 DATA 585,150,580,151,583,148,586,145,586,140,587,135,586,132,0,0
2340 DATA 586,140,582,145,575,150,570,152,565,154,560,155,553,155,0,0
2350 DATA 569,140,567,145,562,150,560,152,553,155,542,155,0,0
2360 DATA 554,145,550,149,542,155,540,157,532,159,0,0
2370 DATA 558,107,560,110,561,115,561,120,560,122,558,125,0,0
2380 'ｸﾋﾞ
2390 DATA 445,145,448,150,443,155,442,157,438,158,435,160,432,165,431,170
2400 DATA 430,175,430,180,431,183,432,185,433,190,437,195,440,199,0,0
2410 DATA 510,142,510,145,511,150,512,155,514,158,521,160,521,165,520,170
2420 DATA 517,175,515,177,514,178,510,182,506,185,500,189,498,191,493,195
2430 DATA 490,196,485,199,0,0
2440 'ﾌｸ
2450 DATA 431,183,440,184,450,185,460,186,470,186,480,185,490,184,500,183
2460 DATA 510,182,0,0
2470 DATA 433,190,440,191,450,192,460,193,470,193,480,192,490,192,498,191,0,0
2480 DATA 443,155,437,155,430,156,422,158,420,159,410,162,400,166,390,168
2490 DATA 380,170,370,172,360,175,350,176,338,176,339,180,342,185,350,190
2500 DATA 360,195,370,199,0,0
2510 DATA 521,160,524,158,525,158,530,159,540,164,550,168,560,172,570,175
2520 DATA 580,177,590,180,600,182,610,185,620,188,625,190,620,192,610,194
2530 DATA 600,196,590,198,580,199,0,0
2540 DATA 338,179,330,182,326,185,320,188,311,195,305,199,0,0
2550 DATA 623,191,630,194,635,195,639,198,0,0
2560 DATA 360,175,360,177,364,180,370,184,380,189,390,194,400,198,405,199,0,0
2570 DATA 350,176,350,178,351,180,358,185,365,190,370,193,375,195,380,197
2580 DATA 388,199,0,0
2590 DATA 600,182,590,185,580,188,570,191,560,193,550,195,540,197,530,198
2600 DATA 525,199,0,0
2610 DATA 610,185,600,189,590,192,580,194,570,196,560,198,552,199,0,0
2620 'ﾏﾕｹﾞ
2630 DATA 412,90,415,88,0,0,443,83,450,83,0,0
2640 'ﾒ
2650 DATA 416,97,418,92,420,90,0,0,446,89,449,93,0,0
2660 DATA 420,107,417,106,417,104,420,100,428,96,435,96,440,97,443,98,447,100
2670 DATA 448,104,448,105,447,105,430,104,425,105,420,107,0,0
2680 DATA 507,87,500,88,497,90,491,94,491,96,497,97,500,95,505,93,510,93
2690 DATA 513,93,519,95,522,97,525,102,530,103,532,103,532,100,530,95,0,0
2700 DATA 493,97,492,100,492,105,494,110,510,114,520,111,522,110,528,105
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2710 DATA 529,103,0,0
2720 DATA 510,93,505,95,502,97,500,100,500,105,501,107,505,109,510,110,515,110
2730 DATA 520,109,525,107,526,105,528,103,0,0
2740 'ハナ
2750 DATA 467,112,465,115,462,117,466,120,468,121,0,0
2760 'クチ
2770 DATA 459,126,470,127,480,126,485,125,0,0
2780 DATA 468,135,471,135,470,137,468,135,0,0
2790 'カミ ノ カゲ
2800 DATA 566,14,560,14,550,15,540,17,530,20,525,23,520,25,517,30,515,35
2810 DATA 516,40,517,45,519,50,521,55,528,60,532,65,534,68,535,70,534,73
2820 DATA 531,75,529,76,524,76,520,75,515,70,510,65,508,60,505,55,501,60
2830 DATA 500,65,501,70,503,75,509,80,518,85,0,0
2840 DATA 480,63,475,64,472,66,470,70,470,75,472,78,476,80,481,82,486,85
2850 DATA 498,88,0,0
2860 'カオ ノ カゲ
2870 DATA 480,89,483,93,489,95,491,96,0,0
2880 DATA 520,112,525,115,528,117,528,120,526,125,521,130,516,135,510,139
2890 DATA 500,144,0,0
2900 'クビ ノ カゲ
2910 DATA 480,150,487,150,489,155,493,160,498,165,502,170,504,175,508,178
2920 DATA 512,178,0,0
2930 DATA 431,170,450,185,0,0
2940 'フク ノ カゲ
2950 DATA 516,177,520,176,521,176,530,178,533,180,540,184,550,190,555,195
2960 DATA 561,199,0,0
2970 DATA 450,185,448,190,447,195,447,199,0,0
2980 'KASHIMA.MIYUKI
2990 'カオ ノ リンカク
3000 DATA 100,135,110,140,118,145,124,150,130,154,140,160,145,162,150,164
3010 DATA 160,165,170,166,210,168,217,168,222,167,223,165,230,158,233,155
3020 DATA 239,150,244,145,249,141,249,135,248,130,240,100,0,0
3030 'カミ ノ リンカク
3040 DATA 140,63,130,62,125,63,120,64,118,65,115,67,112,70,112,75,117,80
3050 DATA 121,85,127,90,130,95,131,96,131,105,130,110,129,113,127,115,121,120
3060 DATA 115,125,110,128,100,135,93,140,89,145,84,150,82,155,80,160,80,163
3070 DATA 75,150,75,145,75,144,78,140,80,135,82,130,82,128,0,0
3080 DATA 140,63,141,60,143,58,146,56,150,54,160,54,170,56,172,58,176,60,180,65
3090 DATA 183,70,187,75,190,79,197,85,200,87,207,90,210,92,220,94,230,97
3100 DATA 240,100,250,102,0,0
3110 DATA 119,82,120,79,124,75,130,73,138,72,149,72,150,70,155,67,160,66,170,66
3120 DATA 180,67,182,68,0,0
3130 DATA 0,170,7,165,11,160,16,155,20,150,22,145,25,135,22,130,20,125,17,120
3140 DATA 14,115,11,110,10,105,9,100,8,95,8,90,9,85,11,80,14,75,19,70,22,65
3150 DATA 27,60,33,55,40,50,49,45,59,41,69,38,78,36,88,34,100,33,110,32,120,31
3160 DATA 130,31,140,31,150,32,160,33,170,35,180,37,190,39,200,42,209,45,219,50
3170 DATA 229,55,238,60,247,65,253,70,258,75,263,80,266,85,269,90,270,95
3180 DATA 270,100,271,105,273,110,275,115,278,120,280,123,288,130,295,135
3190 DATA 300,138,310,143,315,145,320,148,322,150,329,155,332,160,334,165
3200 DATA 337,170,338,175,338,177,0,0
3210 DATA 112,76,112,73,118,70,120,69,129,66,132,66,0,0
3220 DATA 98,140,100,145,105,150,108,155,112,160,119,165,120,166,0,0
3230 DATA 280,153,289,160,292,165,292,166,0,0
3240 DATA 276,145,280,147,285,150,290,155,295,160,299,165,300,167,0,0
3250 'クビ
3260 DATA 155,165,158,170,160,175,161,180,161,185,160,190,153,193,150,195
3270 DATA 139,199,0,0
3280 DATA 225,165,228,170,230,172,235,175,240,176,242,177,250,178,287,178,0,0
3290 'フク
3300 DATA 160,189,130,192,126,193,119,199,0,0
3310 DATA 255,178,283,167,290,166,297,166,300,167,326,172,325,180,324,187,0,0
3320 DATA 289,168,290,171,290,177,286,180,280,185,274,190,253,199,0,0
3330 DATA 325,175,339,177,0,0
3340 'マユゲ
3350 DATA 130,105,145,100,0,0,192,90,206,90,0,0
3360 'メ
3370 DATA 116,125,120,126,122,124,126,120,130,117,138,115,151,115,151,113
3380 DATA 150,111,146,110,138,110,130,112,0,0
3390 DATA 195,110,193,105,194,102,197,100,200,98,205,95,214,95,220,97,221,98
3400 DATA 223,100,223,102,222,104,219,104,214,101,210,100,209,100,203,102
3410 DATA 200,105,198,110,195,110,0,0
3420 DATA 120,125,125,130,129,133,132,134,136,135,143,137,150,136,155,135
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3430 DATA 160,132,160,127,159,123,157,120,150,115,0,0
3440 DATA 196,110,197,115,200,120,207,124,217,124,220,123,224,122,225,120
3450 DATA 228,115,227,110,222,104,0,0
3460 DATA 134,116,140,117,142,118,146,120,150,125,150,130,150,132,145,134
3470 DATA 140,135,135,135,134,134,0,0
3480 DATA 196,110,199,115,205,120,210,122,215,122,220,120,221,115,221,110
3490 DATA 216,105,212,104,208,103,205,103,202,104,0,0
3500 'ﾊﾅ
3510 DATA 192,127,198,131,200,132,200,138,0,0
3520 'ｸﾁ
3530 DATA 190,145,209,139,211,139,208,149,190,148,190,145,0,0
3540 'ｶﾐ ﾉ ｶｹﾞ
3550 DATA 148,32,140,35,139,36,139,41,141,45,150,50,160,53,170,56,0,0
3560 DATA 116,80,118,85,120,90,121,95,121,105,120,110,116,115,110,120,104,125
3570 DATA 98,130,90,135,85,140,82,142,76,150,0,0
3580 DATA 76,154,71,160,70,165,70,170,71,175,72,180,76,185,75,180,76,175
3590 DATA 79,170,80,175,81,180,83,185,87,190,90,195,97,199,0,0
3600 'ｶｵ ﾉ ｶｹﾞ
3610 DATA 130,98,140,100,150,101,153,101,155,102,157,104,157,108,155,110
3620 DATA 152,113,0,0
3630 DATA 125,131,121,133,120,135,120,142,121,147,0,0
3640 DATA 197,85,194,83,192,94,195,97,198,100,0,0
3650 DATA 224,122,230,123,232,125,239,130,239,135,236,140,231,145,229,150
3660 DATA 227,155,223,160,220,164,219,166,213,168,0,0
3670 'ｸﾋﾞ ﾉ ｶｹﾞ
3680 DATA 160,177,162,175,169,170,171,170,172,169,178,169,180,170,189,175
3690 DATA 192,177,195,178,210,185,215,186,220,187,230,187,240,189,250,190
3700 DATA 255,191,260,192,267,194,0,0
3710 'ﾌｸ ﾉ ｶｹﾞ
3720 DATA 157,192,140,193,133,195,130,196,127,199,0,0
3730 DATA 275,189,280,191,282,195,286,199,0,0,999,999
3740 'ﾒ
3750 DATA 7,493,97,492,100,492,105,494,110,0,0
3760 DATA 7,510,114,520,111,522,110,528,105,529,103,0,0
3770 DATA 7,120,125,125,130,129,133,132,134,136,135,143,137,0,0
3780 DATA 7,160,132,160,127,159,123,157,120,150,115,0,0
3790 DATA 7,196,110,197,115,200,120,207,124,0,0
3800 'ｶｵ ﾉ ｶｹﾞ
3810 DATA 6,224,122,225,120,228,115,227,110,222,104,0,0
3820 DATA 6,480,89,483,93,489,95,491,96,0,0
3830 DATA 6,520,112,525,115,528,117,528,120,526,125,521,130,516,135,510,139
3840 DATA 500,144,0,0
3850 'ｸﾋﾞ ﾉ ｶｹﾞ
3860 DATA 6,480,150,487,150,489,155,493,160,498,165,502,170,504,175,508,178
3870 DATA 512,178,0,0
3880 DATA 6,431,170,450,185,0,0
3890 'ﾌｸ ﾉ ｶｹﾞ
3900 DATA 7,516,177,520,176,521,176,530,178,533,180,540,184,550,190,555,195
3910 DATA 0,0,3,555,195,561,199,0,0
3930 'ｶｵ ﾉ ｶｹﾞ
3940 DATA 6,130,98,140,100,150,101,153,101,155,102,157,104,157,108,155,110
3950 DATA 152,113,0,0
3960 DATA 6,125,131,121,133,120,135,120,142,121,147,0,0
3970 DATA 6,197,85,194,83,192,94,195,97,198,100,0,0
3980 DATA 6,224,122,230,123,232,125,239,130,239,135,236,140,231,145,229,150
3990 DATA 227,155,223,160,220,164,219,166,213,168,0,0
4000 'ｸﾋﾞ ﾉ ｶｹﾞ
4010 DATA 6,160,177,162,175,169,170,171,170,172,169,178,169,180,170,189,175
4020 DATA 192,177,195,178,210,185,215,186,220,187,230,187,240,189,250,190
4030 DATA 255,191,260,192,267,194,0,0
4040 'ﾌｸ ﾉ ｶｹﾞ
4050 DATA 5,157,192,140,193,133,195,130,196,127,199,0,0
4060 DATA 5,275,189,280,191,282,195,286,199,0,0
4070 'ｶﾐ ﾉ ｶｹﾞ
4080 DATA 1,148,32,140,35,139,36,139,41,141,45,150,50,160,53,170,56,0,0
4090 DATA 1,116,80,118,85,120,90,121,95,121,105,120,110,116,115,110,120,104,125
4100 DATA 98,130,90,135,85,140,82,142,76,150,0,0
4110 DATA 1,76,154,71,160,70,165,70,170,71,175,72,180,76,185,75,180,76,175
4120 DATA 79,170,80,175,81,180,83,185,87,190,90,195,97,199,0,0,0,999,999
4130 'ﾎｼ
4140 DATA 514,98,5,515,107,3,521,104,1,208,108,5,211,118,3,205,115,1
4150 DATA 136,122,5,139,132,3,131,128,1,0,0,0
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GU−GUガンモ ガンバレガンモ

PC−8801/mkII

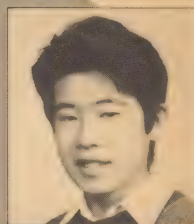
渥美政彦

根づよい人気のガンモに挑戦！

Gu−Guガンモも最近作品が集まりつつあります。ガンモのファン層が平均的には低年令のせいでしょうか、うる星やつらに比べると、ちょっと少なめのようです。

プログラムは比較的短くなっていますが、PAINTのところは座標がベタ描きになっていてあまり感心しません。初心者の参考にはなると思いますが。

作者のプロフィール

「ぼくは高1で、まだマイコンをやりはじめて半年たらずです。CGもたくさん作っている大島さんを超えたいと思っています」

GU−GUガンモ ガンバレガンモ プログラムリスト

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1000 '**********************************************************************
1010 '*                   GU-GU ｶﾞﾝﾓ             1983年7月                       *
1020 '**********************************************************************
1030 'ｼｮｷｾｯﾃｲ
1040 CONSOLE 0,25,0,1:WIDTH 80,25
1050 SCREEN 0,3:CLS 3:FOR C=0 TO 7:COLOR=(C,C):NEXT:SCREEN 0,0
1060 COLOR 7,7,0:CLS 3:COLOR 7,0,0
1070 WINDOW(70,0)-(320,180)
1080 'ﾗｲﾝ
1090 READ P
1100 READ X,Y:IF X=999 AND Y=999 THEN GOTO 1140
1110 PSET(X,Y),P
1120 READ X,Y:IF X=0 AND Y=0 THEN GOTO 1100
1130 LINE-(X,Y),P:GOTO 1120
1140 CIRCLE(176,77),6,0
1150 A$=CHR$(&H55)+CHR$(&H0)+CHR$(&HFF)
1160 PAINT(70,0),A$,0
1170 CIRCLE(213,17),2,0
1180 CIRCLE(189,17),1,0
1190 LINE(209,15)-(206,9),0:LINE-(204,8),0:LINE-(203,10),0:LINE-(206,13),0
1200 LINE-(208,16),0
1210 B$=CHR$(&H0)+CHR$(&HFF)+CHR$(&H0)
1220 PAINT(200,20),B$,0
1230 PAINT(176,77),B$,0:PAINT(234,76),B$,0
1240 C$=CHR$(&H0)+CHR$(&HFF)+CHR$(&H55)
1250 PAINT(210,72),C$,0
1260 PAINT(160,165),6,0:PAINT(260,165),6,0:PAINT(184,162),6,0:PAINT(233,162),6,0
1270 D$=CHR$(&HFF)+CHR$(&H0)+CHR$(&H0)
1280 PAINT(127,101),D$,0:PAINT(137,100),D$,0:PAINT(130,92),D$,0
1290 PAINT(145,125),D$,0:PAINT(155,125),D$,0:PAINT(150,58),D$,0
1300 PAINT(128,114),D$,0:PAINT(136,119),D$,0:PAINT(146,105),D$,0
1310 PAINT(169,34),D$,0:PAINT(230,31),D$,0:PAINT(246,46),D$,0
1320 E$=CHR$(&H55)+CHR$(&H0)+CHR$(&H0)
1330 PAINT(129,105),E$,0:PAINT(131,98),E$,0:PAINT(143,109),E$,0
1340 PAINT(151,105),E$,0:PAINT(153,66),E$,0:PAINT(243,38),E$,0
1350 PAINT(250,45),E$,0:PAINT(250,60),E$,0:PAINT(146,105),E$,0
1360 PAINT(145,60),E$,0:PAINT(150,68),E$,0:PAINT(152,48),E$,0
1370 PAINT(258,98),E$,0:PAINT(176,161),E$,0:PAINT(242,162),E$,0
1380 PAINT(166,159),E$,0:PAINT(148,66),E$,0:PAINT(159,157),E$,0
1390 PAINT(203,65),0:PAINT(212,65),0
1400 LINE(96,0)-(78,19),2:LINE(146,0)-(85,56),2:LINE(157,0)-(127,24),2
1410 LINE(252,0)-(235,25),2:LINE(281,20)-(254,49),2:LINE(320,18)-(279,56),2
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1420 LINE(320,55)-(270,99),2:LINE(312,81)-(251,130),2:LINE(320,105)-(298,178),2
1430 LINE(285,121)-(282,180),2:LINE(124,128)-(88,170),2
1440 LINE(122,70)-(87,109),2:LINE(113,99)-(90,145),2
1450 LINE(157,99)-(157,103),7:LINE-(159,111),7:LINE-(164,119),7
1460 LINE-(170,125),7:LINE-(184,132),7:LINE-(198,137),7:LINE-(207,138),7
1470 LINE-(226,139),7:LINE-(232,140),7:LINE-(236,144),7:LINE-(240,154),7
1480 LINE(142,146)-(126,180),2:LINE(224,158)-(195,180),2
1490 PAINT(251,148),E$,0
1500 PAINT(256,148),6,0
1510 'ﾗｲﾝ(ﾐｷﾞﾉｸﾂ)
1520 DATA   0,233,168,251,174,256,175,262,175,267,174,269,171,268,166,265,162
1530 DATA 262,161,  0,  0
1540 DATA 269,171,263,173,256,173,245,169,233,166,231,167,233,168,  0,  0
1550 DATA 232,156,231,159,231,163,232,166,  0,  0
1560 DATA 232,157,236,160,238,163,238,165,237,167,  0,  0
1570 DATA 237,157,243,156,  0,  0
1580 DATA 232,155,238,155,243,154,  0,  0
1590 DATA 257,161,253,163,250,166,249,170,248,169,249,165,253,162,257,161
1600 DATA   0,  0
1610 DATA 262,161,262,159,256,159,250,161,251,163,  0,  0
1620 DATA 249,160,255,158,259,158,258,157,255,156,250,158,246,164,245,163
1630 DATA 250,157,  0,  0
1640 DATA 260,156,261,159,  0,  0
1650 DATA 251,156,253,156,255,155,253,151,251,151,251,156,247,158,243,156
1660 DATA 243,154,245,151,251,152,251,154,247,158,245,155,251,154,  0,  0
1670 DATA 262,155,262,153,259,151,254,152,260,154,250,154,  0,  0
1680 DATA 258,151,256,146,254,145,246,147,244,148,246,151,  0,  0
1690 DATA 247,151,247,148,253,147,255,148,256,151,  0,  0
1700 'ﾗｲﾝ(ﾋﾀﾞﾘﾉｸﾂ)
1710 DATA 186,157,187,160,188,167,165,172,158,172,154,170,153,167,  0,  0
1720 DATA 188,164,181,167,168,169,164,170,158,170,153,167,153,162,155,159
1730 DATA 159,158,164,159,169,163,173,168,  0,  0
1740 DATA 174,167,169,161,168,161,  0,  0
1750 DATA 182,167,181,164,184,160,187,159,  0,  0
1760 DATA 186,157,178,157,171,156,  0,  0
1770 DATA 186,157,187,155,183,155,172,154,  0,  0
1780 DATA 155,159,159,155,  0,  0
1790 DATA 159,158,163,155,  0,  0
1800 DATA 168,161,167,158,171,156,172,154,170,153,166,153,164,156,168,156
1810 DATA 166,155,  0,  0
1820 DATA 163,156,159,155,158,152,160,151,164,153,  0,  0
1830 DATA 163,154,160,153,  0,  0
1840 DATA 170,153,170,151,164,150,164,152,  0,  0
1850 DATA 173,154,173,150,171,149,163,147,162,148,162,151,  0,  0
1860 'ﾗｲﾝ
1870 DATA 253,145,252,135,250,128,248,128,253,120,260, 94,  0,  0
1880 DATA 256,109,257, 97,  0,  0
1890 DATA 232,155,227,153,221,147,  0,  0
1900 DATA 224,144,219,147,208,149,195,148,192,152,187,155,  0,  0
1910 DATA 219,147,218,150,214,153,  0,  0
1920 DATA 216,150,214,153,210,156,207,156,  0,  0
1930 DATA 209,154,204,157,200,157,198,156,  0,  0
1940 DATA 202,153,198,156,193,157,190,155,190,153,  0,  0
1950 DATA 164,147,163,133,  0,  0
1960 DATA 166,135,163,133,157,122,152,122,  0,  0
1970 DATA 154,101,152,122,150,112,147,109,149,104,  0,  0
1980 DATA 240,154,236,144,232,140,226,139,207,138,198,137,184,132,170,125
1990 DATA 164,119,159,111,157,103,157, 98,  0,  0
2000 DATA 158, 95,157, 98,154,101,149,104,144,101,139, 91,139, 81,142, 74
2010 DATA 146, 71,150, 71,158, 73,163, 77,164, 79,161, 82,157, 84,154, 84
2020 DATA   0,  0,158, 93,158, 95,  0,  0
2030 DATA 162, 81,164, 84,163, 87,160, 92,154, 96,  0,  0
2040 DATA 139, 91,144, 98,150, 99,155, 98,158, 95,  0,  0
2050 DATA 263, 84,260, 94,257, 97,254, 97,248, 95,244, 91,244, 88,  0,  0
2060 DATA 250, 90,243, 87,241, 85,241, 81,  0,  0
2070 DATA 248, 80,241, 81,237, 79,236, 76,239, 71,251, 64,257, 64,260, 65
2080 DATA 262, 67,264, 71,264, 78,263, 84,262, 89,259, 93,255, 96,250, 95
2090 DATA 245, 94,  0,  0
2100 DATA 150, 71,149, 68,146, 65,147, 63,150, 61,154, 63,157, 70,158, 73
2110 DATA   0,  0
2120 DATA 152, 71,149, 66,147, 63,  0,  0
2130 DATA 253, 63,256, 56,256, 53,254, 51,251, 53,247, 59,243, 68,  0,  0
2140 DATA 249, 56,242, 47,235, 40,225, 34,218, 31,215, 36,212, 39,209, 39
2150 DATA 205, 36,201, 32,195, 29,191, 29,186, 30,177, 34,171, 38,164, 44
2160 DATA 158, 55,154, 63,  0,  0
2170 DATA 251, 53,250, 48,245, 41,  0,  0
2180 DATA 254, 51,251, 43,246, 37,  0,  0
2190 DATA 241, 46,245, 41,246, 37,245, 34,243, 32,238, 30,  0,  0
2200 DATA 238, 43,240, 41,241, 36,238, 30,234, 27,227, 25,224, 25,219, 24
```

リスト続く

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2210 DATA   0,  0
2220 DATA 181, 22,174, 24,168, 28,164, 28,159, 30,154, 35,150, 40,148, 46
2230 DATA 148, 49,  0,  0
2240 DATA 181, 32,180, 26,181, 22,184, 15,188, 13,193, 13,  0,  0
2250 DATA 191, 21,193, 13,197,  7,201,  4,203,  4,206,  6,208, 10,209, 15
2260 DATA   0,  0
2270 DATA 207, 18,209, 15,213, 14,217, 17,219, 24,218, 31,  0,  0
2280 DATA 149, 43,150, 45,154, 47,158, 48,164, 45,  0,  0
2290 DATA 148, 49,151, 49,154, 51,160, 51,  0,  0
2300 DATA 148, 49,143, 53,140, 58,140, 62,135, 66,132, 72,131, 82,133, 90
2310 DATA 133,102,136,114,145,130,150,136,157,139,163,140,  0,  0
2320 DATA 151, 50,147, 54,144, 60,141, 71,141, 75,  0,  0
2330 DATA 154, 52,147, 58,145, 64,144, 72,  0,  0
2340 DATA 141, 96,142,109,148,123,155,133,162,136,  0,  0
2350 DATA 132, 86,129, 89,127, 93,125, 97,125,101,127,103,130,102,133, 96
2360 DATA 133, 93,131, 95,129,100,128, 96,127, 96,125, 97,  0,  0
2370 DATA 125,103,124,109,128,121,135,127,  0,  0
2380 DATA 127,103,132,121,135,127,139,130,145,131,  0,  0
2390 DATA 130,102,130,107,134,120,139,127,143,128,  0,  0
2400 DATA 198, 35,202, 39,206, 46,208, 52,208, 58,205, 66,201, 70,198, 71
2410 DATA 195, 72,193, 72,186, 70,181, 66,179, 59,179, 50,182, 43,188, 39
2420 DATA 194, 38,202, 41,205, 44,  0,  0
2430 DATA 216, 36,209, 47,208, 52,208, 58,211, 65,218, 71,223, 72,228, 70
2440 DATA 231, 67,233, 62,234, 56,233, 50,230, 44,227, 41,222, 39,219, 39
2450 DATA 213, 42,211, 44,209, 47,  0,  0
2460 DATA 179, 54,197, 62,206, 63,  0,  0
2470 DATA 234, 56,225, 61,216, 63,210, 63,  0,  0
2480 DATA 207, 68,205, 71,199, 74,198, 75,202, 78,208, 79,213, 79,218, 78
2490 DATA 221, 76,212, 68,207, 68,  0,  0
2500 DATA 202, 76,206, 74,210, 76,213, 74,217, 76,  0,  0
2510 DATA 214, 63,215, 65,213, 67,  0,  0
2520 DATA 202, 63,202, 67,203, 68,  0,  0
2530 DATA 239, 71,235, 71,231, 75,231, 78,234, 81,237, 82,240, 80,  0,  0
2540 DATA 144,101,148,114,155,128,158,132,163,135,  0,  0
2550 DATA 125,103,125,100,  0,  0,999,999
2560                 END
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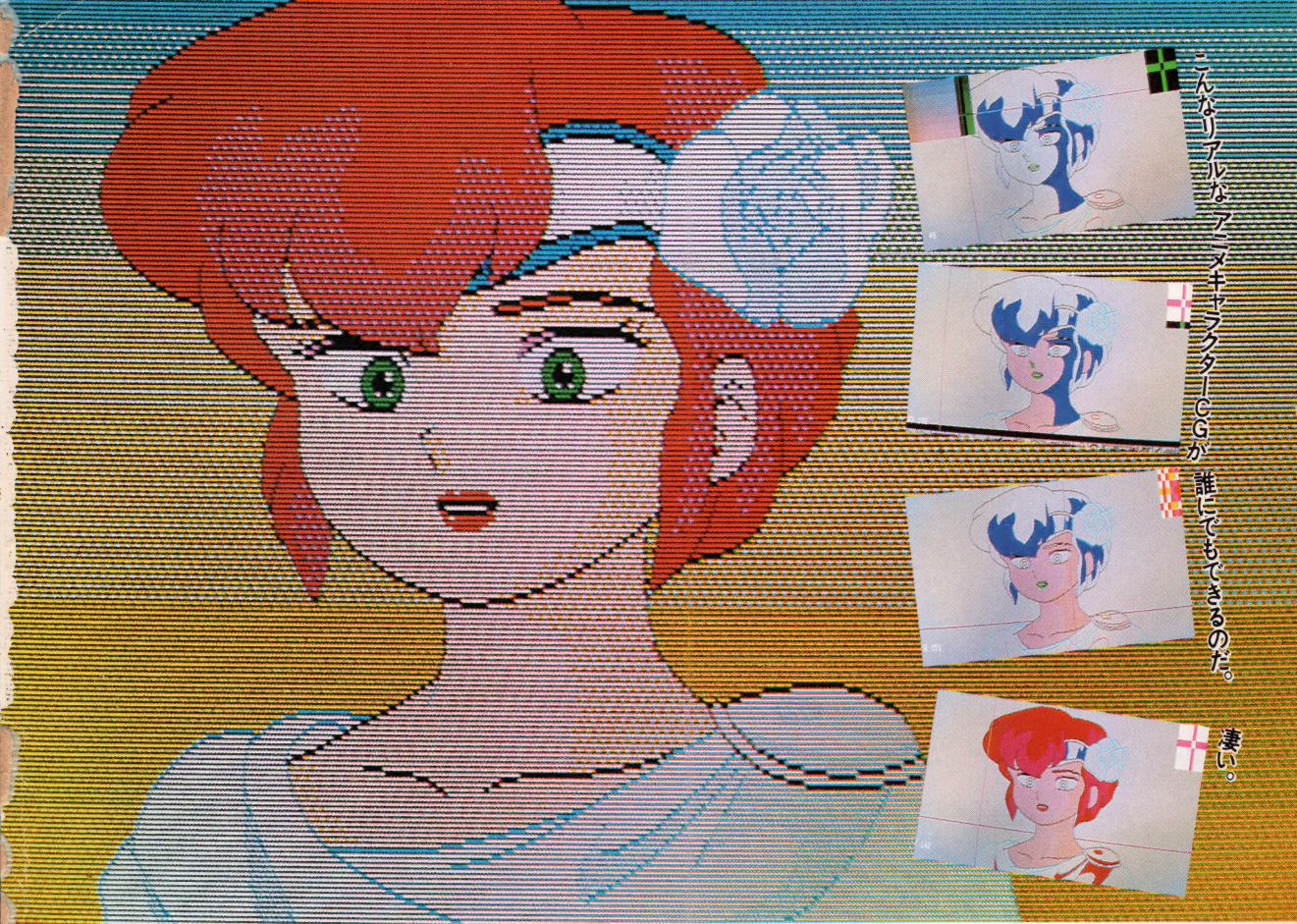
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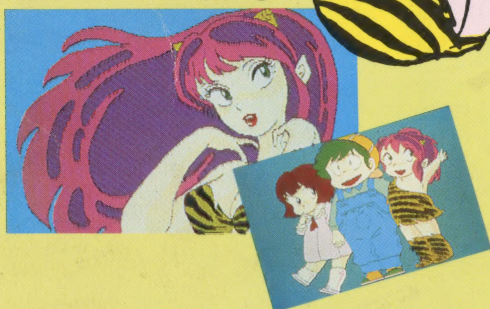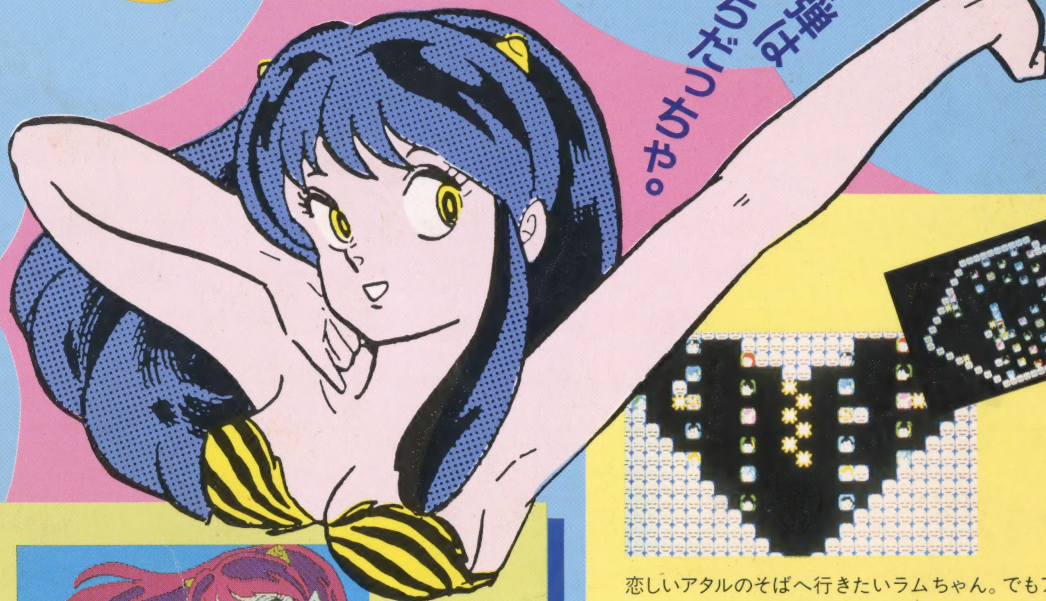
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